

LilyPond

The music typesetter

General Information

The LilyPond development team

Copyright © 2009–2011 by the authors.

This file documents the LilyPond website.

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.1 or any later version published by the Free Software Foundation; with no Invariant Sections. A copy of the license is included in the section entitled “GNU Free Documentation License”.

For LilyPond version 2.14.1

LilyPond

... music notation for everyone



What is LilyPond?

LilyPond is a music engraving program, devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts. LilyPond is free software and part of the [GNU Project](#).

Read more in our [\[Introduction\]](#), [page 3!](#)

LilyPond 2.14.1 released! *June 12, 2011*

We are happy to announce the release of LilyPond 2.14.1. This fixes a few minor bugs in the stable version, and should cause no problems. We recommend that everybody upgrade to this version.

LilyPond 2.15.1 released! *June 11, 2011*

We are happy to announce the release of LilyPond 2.15.1. This is the beginning of a new unstable development effort, and adds the usual number of bugs.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

LilyPond 2.15.0 released! *June 7, 2011*

We are happy to announce the release of LilyPond 2.15.0. This is the beginning of a new unstable development effort, and adds the usual number of bugs.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

LilyPond 2.14.0 released! *June 6, 2011*

We are proud to announce the release of GNU LilyPond 2.14. LilyPond is a music engraving program, devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

Many improvements have been made in the past two and a half years since the previous main stable version. A few major improvements are:

- LilyPond is now licensed under the GNU GPL v3 or higher.

- The vertical spacing engine has been drastically changed, making it much more flexible and easier to control.
- Automatic beaming is now more flexible, and beam collisions are avoided.

A full list of new features is given in:

<http://lilypond.org/doc/v2.13/Documentation/changes/index.html>

Happy music typesetting! LilyPond 2.14 was brought to you by...

Main development team:

Trevor Daniels, Reinhold Kainhofer, David Kastrup, Jonathan Kulp, Werner Lemberg, John Mandereau, Patrick McCarty, Joe Neeman, Han-Wen Nienhuys, Jan Nieuwenhuizen, Graham Percival, Mark Polesky, Neil Puttock, Mike Solomon, Carl Sorensen, Francisco Vila, Valentin Villenave.

Programming contributors:

Sven Axelsson, Pál Benkő, Bertrand Bordage, Frédéric Bron, Peter Chubb, Hajo Dezelski, Richard Gay, Keith OHara, Andrew Hawryluk, Christian Hitz, Marc Hohl, Henning Hraban Ramm, Ian Hulin, Michael Kämppler, Marek Klein, Kieren MacMillan, Thomas Morgan, Benjamin Peterson, Nathan Reed, Julien Rioux, Boris Shingarov, Patrick Schmidt, Owen Tuz, Jan Warchol, Andrew Wilson, Rodolfo Zitellini.

Font contributors:

Keith OHara, Marc Hohl, Alexander Kobel, Carsten Steger.

Documentation contributors:

Colin Campbell, Andrew Hawryluk, James Lowe, Mike Moral, Ralph Palmer, David Pounder, Patrick Schmidt.

Bug squad:

James E. Bailey, Colin Campbell, Phil Holmes, Urs Liska, Ralph Palmer, Kieren MacMillan, Dmytro O. Redchuk.

Binaries support contributors:

Christian Hitz.

Translation contributors:

Federico Bruni, Dénes Harmath, Jean-Charles Malahieude, Tineke de Munnik, Till Paala, Ralf Wildenhues, Yoshiki Sawada.

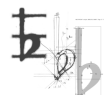
([\[Old news\]](#), page 94)

Table of Contents

Introduction	3
Features	3
Examples	5
Freedom	13
Background	13
Productions	14
Reviews	14
Text input	18
Easier editing	23
Download	29
Unix	30
MacOS X	32
Windows	38
Source	45
Old downloads	46
GPL	46
Manuals	56
Learning	56
Glossary	57
Essay	57
Notation	57
Usage	58
Snippets	58
FAQ	58
Web	59
Changes	59
Extending	59
Internals	60
Translated	60
All	77
FDL	77
Community	85
Contact	85
Tiny examples	86
Bug reports	87
Help us	88
Development	89
Authors	91
Publications	93
Old news	94

Introduction

Our Goal



LilyPond came about when two musicians wanted to go beyond the soulless look of computer-printed sheet music. Musicians prefer reading beautiful music, so why couldn't programmers write software to produce elegant printed parts?

The result is a system which frees musicians from the details of layout, allowing them to focus on making music. LilyPond works with them to create publication-quality parts, crafted in the best traditions of classical music engraving.

What LilyPond does

- [\[Features\]](#), [page 3](#): What can LilyPond do?
- [\[Examples\]](#), [page 5](#): I want to see some music!
- [\[Freedom\]](#), [page 13](#): LilyPond is Free Software.
- [\[Background\]](#), [page 13](#): Our computational aesthetics.

LilyPond in use

- [\[Productions\]](#), [page 14](#): Real-life use of LilyPond.
- [\[Reviews\]](#), [page 14](#): What do people say?

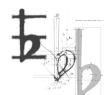
How LilyPond works

- [\[Text input\]](#), [page 18](#): You write music as *text*?!
- [\[Easier editing\]](#), [page 23](#): Other ways of working with LilyPond.

Features

Elegance

Excellent classical engraving



LilyPond allows musicians to produce elegant sheet music that is easy to read. Its developer community has spent thousands of hours developing powerful music engraving software that results in beautifully engraved music. All of LilyPond's style settings, font designs and algorithms have been inspired by the finest hand-engraved music. LilyPond output has the same strong, balanced and elegant look as the best-engraved classical scores. This is further explained in our [\[Essay\]](#), [page 57](#).

Effective layout choices

Spend less time with tweaking the output; LilyPond gets the formatting correct right from the start. It determines spacing by itself, and breaks lines and pages to provide a tight and uniform layout. Clashes between lyrics, notes, and chords are resolved and slurs and beams are sloped, automatically!

Ease of use



Text-based input

LilyPond takes ASCII input, which you can produce in your favorite text editor, quickly and comfortably. The input contains all the information, so there is no need to remember complex command sequences: simply save a file for later reference.

Mix music and text

Put fragments of music into texts without cutting and pasting pictures. Integrate music into \LaTeX or HTML seamlessly, or add music to OpenOffice.org with OOoLilyPond. Plugins are also available to allow LilyPond code in various blogs and wikis, making online collaboration possible.

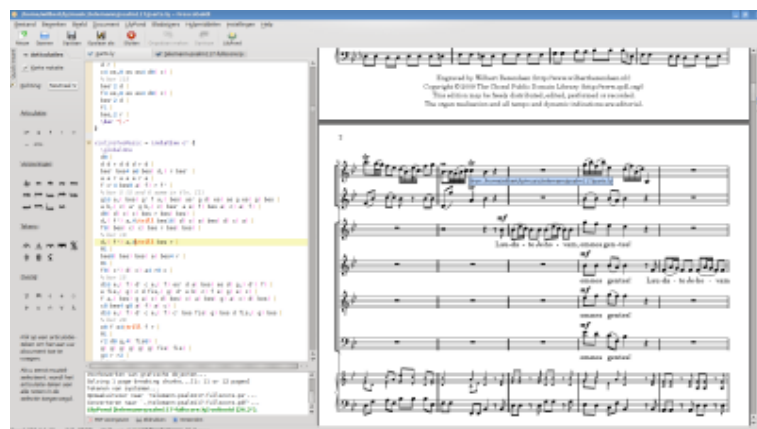
Accessibility

Text-based input also makes score-writing possible for users with severe physical disabilities. Dexterity-impaired users who are unable to type or control a computer mouse can use speech-recognition software to edit LilyPond files. Even users who are totally blind can use screen-reading software to write LilyPond files – an impossible task in graphical-based score-writing programs.

Extensible design

All settings can be changed to suit your personal typographical taste. If that still is not enough, there is always the built-in scripting language Scheme, a dialect of the powerful language LISP. Settings, variables and functions are all documented in the comprehensive program reference manual.

Environment



Free software

LilyPond can be downloaded free of charge! Yep - It's free. Get it from the [download page](#).

It's also free (as in “speech”) software. It comes with source code, and permission to change and copy it. So, are you irritated by a bug, or yearning for a feature? Simply add it yourself, or pay someone else to do it.

Excellent support

LilyPond runs on all popular platforms: GNU/Linux, MacOS X, and Windows. LilyPond comes with extensive documentation and hundreds of example files. There is an active user community answering questions on the [lilypond-user mailing list](#), while the development team makes sure that problems are solved quickly.

Enhanced editors

Several developers, themselves active LilyPond users, have also written tools specifically aimed at making the process of editing LilyPond files faster and more effective. For some examples, see [\[Easier editing\]](#), [page 23](#).

Where now?

Still not convinced? Look at some specific [\[Examples\]](#), [page 5](#). If you've already decided to try LilyPond, first read about our [\[Text input\]](#), [page 18](#).

Examples

LilyPond is a powerful and flexible tool for engraving tasks of all kinds. Please browse our gallery of examples and be inspired!

Classical Music

This organ work by J.S. Bach is a fairly typical engraving project in LilyPond.



Complex Notation

This example from *Goyescas* by Enrique Granados shows some of the more advanced features of typesetting, including kneed beams, cross-staff stems, and voice-follow lines.



Early Music

LilyPond also supports various types of ancient notation, such as this passage of Gregorian chant.



Modern Music

Contemporary composers find LilyPond well-suited to displaying unusual notation. Here is an excerpt from Trevor Bača's *Čáry*, for unaccompanied bass flute.

Carin Levine
ČÁRY
Sorcery (excerpt)
bass flute

$\text{♩} = 42$

The score is written in 16/8 time. It features complex rhythmic patterns, including triplets and sextuplets, and dynamic markings such as *ffp*, *f*, and *ff*. The notation includes various accidentals and articulation marks.

Efficient, flexible creation of performance materials

Various performance materials can be created from the same source code. This is an excerpt of [Nicolas Sceaux's](#) engraving of Handel's *Giulio Cesare*, in full score, piano-vocal reduction, and a violin part.

Giulio Cesare in Egitto
Sesto: Svegliatevi nel core, furie d'un alma offesa (excerpt)

Violino I.

Violino II.

SESTO.

Bassi.

The score is written in 3/4 time. It features a piano-vocal reduction and a violin part. The notation includes various accidentals and articulation marks.

Giulio Cesare in Egitto
Sesto: Svegliatevi nel core, furie d'un alma offesa (excerpt)
Vocal part and keyboard reduction

SESTO.



Giulio Cesare in Egitto
Sesto: Svegliatevi nel core, furie d'un alma offesa (excerpt)
Violino I



Tablature

LilyPond supports tablature notation, which can be customized to suit any instrument that reads from tablature. The tablature staff is generated automatically from notes entered for the 5-line staff.



Schenker Graphs

Standard output can be modified heavily. Here is an impressive Schenkerian analysis, created by Kris Schaffer, for an article in [Linux Journal](#).. The colors have been added for better visibility.

Wenn wir in höchsten Nöten sein
Analysis from Gene Biringer's Schenker Text, Ex. 5-27

Vocal Music

LilyPond is excellent for vocal music of all kinds, from sacred hymns to opera. Here is a medieval motet with slightly unusual requirements. The tenor voice is written in a different meter than the others, but must line up as if it were in the same meter. LilyPond handles this most elegantly. Note also the incipits with Vaticana style clefs, the slashed stems indicating plicated notes, and the ligature braces above certain groups of notes.

Educational Applications

LilyPond is perfectly suited for educational purposes as well. Here is an example of a simple counterpoint exercise.

Exercise 3: Write 8th notes against the given bass line.



Popular Music

It is simple to create pop lead sheets with melody, lyrics, chord names, and fretboards. In this example you see some of the predefined fretboard diagrams, but these can be heavily customized to suit nearly any situation.

A musical lead sheet in 4/4 time, key of D major. The melody is written in the treble clef. Above the melody, four fretboard diagrams are shown for the chords G, C, Am, and D. Each diagram shows the fretboard with fingerings indicated by numbers 1-3. The lyrics are: "My eyes are dim, I can-not see, I have not brought my specs wi".

Large Projects

LilyPond is excellent for large projects like operas or works for full symphony orchestra, as well. In addition, the text-based input provides greater accessibility – this example was contributed by Hu Haipeng, a blind composer.

Violent Dance For Orchestra

Presto (♩ = 112)

The score is for a full orchestra and includes percussion. The instruments listed on the left are:

- Piccolo
- Flutes I & II
- Oboes I & II
- Clarinets I & II in B \flat
- Bassoons I & II
- Horns I & II in F
- Horns III & IV in F
- Trumpets I & II in B \flat
- Trumpet III in B \flat
- Trombones I & II
- Bass trombone & Tuba
- Timpani in A, D & E
- Triangle
- Suspended cymbal
- Tamtam
- Tambourine
- Snare drum

The score is in 6/8 time and features complex notation with dynamic markings and articulation. The dynamics range from *pp* (pianissimo) to *ff* (fortissimo). The tempo is marked *Presto* (♩ = 112). The score includes various musical notations such as slurs, ties, and articulation marks.

Where now?

Still not convinced? LilyPond is Free software, granting you [\[Freedom\]](#), page 13. If you've already decided to try LilyPond, first read about our [\[Text input\]](#), page 18.

Freedom

Free Software

[GNU](#) LilyPond is written and maintained by a community of enthusiasts. It is published under the [\[GPL\]](#), page 46 and the [\[FDL\]](#), page 77, giving everybody the freedom to fix, modify, and extend the program. Creating beautiful music should not require hundreds of dollars of software!

What are the benefits to users?

- No cost: download and try it out! What do you have to lose?
- Sharing: if you like the program, give a copy to your friends, teachers, students, and colleagues!
- Source available: if you are curious about how LilyPond creates some notation, you can see exactly how it is done.
- Extendible: you can add features, fix bugs, and change the functionality. If you are not a programmer, you can hire somebody to do those tasks.

This may not seem appealing to casual musicians, but the ability to extend software can be highly valuable to serious composers, companies, and academics.

- Future safety: if a commercial company goes bankrupt, what happens to any electronic music which depends on their products? This is not a concern with LilyPond; even if the entire development team quits (extremely unlikely), the program will still be legally available for copying, modifications, and distribution.

Why do LilyPond developers “give away” their work for free?

Most of us view LilyPond development as a hobby or volunteer work. So this question is really asking “why do people volunteer”?

- Fun: working towards a goal can be enjoyable, especially when you work as a team!
- Shared goals: we all want beautiful sheet music, but few people have the expertise (and nobody has the time!), to create a program which can handle all situations. By working together – one person improves the automatic beaming code, another person improves the shape of slurs, and a third person writes documentation explaining how to use these features – we can achieve our goal with only a fraction of the individual effort.
- “Gift culture”: the Free Software (or “Open Source”) movement has created many great software projects, such as [GNU/Linux](#), [Mozilla Firefox](#), and [Battle for Wesnoth](#). Having benefitted from these projects, some developers want to “give back” to the community.
- Work experience: contributing to open-source projects is a great way to practice programming, documentation writing, documentation translation, or design. This experience has helped some developers gain job offers or scholarships.

Where now?

Still not convinced? Read our extensive essay about our engraving philosophy in [\[Background\]](#), page 13. If you've already decided to try LilyPond, first read about our [\[Text input\]](#), page 18.

Background

Background essay

We have an extensive essay describing computational aesthetics: the art of creating beauty with a computer.

If you just want a quick introduction to LilyPond, the essay might be too much material to read. If you would like to read it now, please progress to [\[Essay\]](#), page 57.

Where now?

Still not convinced? Read about some of our users' [\[Productions\]](#), page 14 and sheet music. If you've already decided to try LilyPond, first read about our [\[Text input\]](#), page 18.

Productions

Concerts

LilyPond engravings have been used for performances around the world. Some highlights:

- *Affaire étrangère*, an opera by [Valentin Villenave](#) to a French libretto by [Lewis Trondheim](#), premiered February 1, 2009 at [L'Opéra National de Montpellier](#), France.
- [Mercury Baroque](#)'s performance of Lully's *Armide*, May 15-16, 2009, in Houston, Texas (engraving by [Nicolas Sceaux](#)).
- Instrumental excerpts from Rameau's *Hippolyte et Aricie* at St. James's Church in Manhattan, May 8, 2009, by Frederick Renz and his ensemble [Early Music New York](#) (engraving by Nicolas Sceaux).

Published sheet music

- [Mutopia Project](#), over 1500 pieces of classical sheet music for free download, and the main showcase of LilyPond scores.
- [Etude](#), “sheet music on steroids” is an iPhone app which displays piano music engraved with LilyPond, including many pieces from Mutopia. The app includes a virtual piano keyboard showing which keys to press to help beginners learn how to read sheet music.
- [Adoro Music Publishing](#), high-quality scores of sacred music, available for immediate download or in traditional paper format.
- [The Shady Lane Publishing](#), a “micro musical publishing house” whose goal is to promote a new form of musical economy closer to the musicians and music lovers.

If you are aware of any other concerts or sheet music which could be listed here, please let us know by following the instructions on [\[Bug reports\]](#), page 87.

Where now?

Still not convinced? Read some of our users' [\[Reviews\]](#), page 14. If you've already decided to try LilyPond, first read about our [\[Text input\]](#), page 18.

Reviews

Published articles

- April 2011
[Linux Magazine](#) publishes an article titled [Projects on the Move](#). It is an introductory article on MuseScore, LilyPond and Chordii. Author Carla Schroder states “LilyPond is driven from the command line, but don't let the lack of a GUI scare you away; LilyPond is user-friendly and easy to learn”, and provides a hands-on example.

- May 2010
Peter Kirn, on the Create Digital Music website, publishes a [LilyPond review](#). He takes a balanced view on usage, praises LilyPond's high-quality notation and suggests to try it out.
- September 2009
The German LinuxUser magazine wrote an [article about LilyPond](#).
- August 2009
Ann Drinan, on the [Polyphonic.org](#) website, presents comments by two orchestra librarians who talk about using software to maintain their libraries.
- June 2009
In an [article](#) published in the French *National Conservatory Parent Association's* yearly magazine, French composer and LilyPond contributor Valentin Villenave explains how Free licenses, and specifically LilyPond-engraved scores, are instrumental in making written music accessible to all.
- February 2008
In [articles on his personal site](#), Andrew Hawryluk compares Finale and LilyPond in general terms, and evaluates engraving capabilities of both pieces of software in detail. The second article is an instructive analysis of engraving issues in Rachmaninoff's Piano Prelude No. 6, including comparisons with a hand-engraved reference edition.
- June 2006
[DistroWatch](#) awards LilyPond and [writes](#) "Ladies and Gentleman, we are pleased to announce that, based on readers' requests, the DistroWatch May 2006 donation has been awarded to LilyPond (€190.00) and Lua (US\$250.00)."
- December 2005
[Linux Journal](#) publishes an article titled [Make Stunning Schenker Graphs with GNU LilyPond](#). It is an in-depth but hands-on feature article with crisp LilyPond graphics. Author Kris Shaffer remarks "GNU LilyPond generates beautiful graphics that make commercial alternatives seem second-rate."
- August 20, 2005
The Belgian newspaper De Standaard investigates what drives Free Software authors in an article titled [Delen van KENNIS zonder WINSTBEJAG](#) (Non-profit sharing of knowledge) in its 'DS2 bijlage'. LilyPond is used as an example and the article is interspersed with quotes from an email interview with Jan Nieuwenhuizen. This marks LilyPond's first appearance in mainstream printed press.
- June 2005
A French article on the LilyPond 2.6 release appeared on [linuxfr.org](#).
- October 2004
The editors of Computer!Totaal, a Dutch computer magazine, [describe LilyPond](#) in the October 2004 issue as: "Wonderful free (open source) software [...] The sheet music produced by LilyPond is exceptionally pretty [...] a very powerful system that can do almost anything."
- July, August 2004
Dave Phillips wrote an introductory article for [Linux Journal](#): At the sounding edge: LilyPond, parts [one](#) and [two](#).
- March 2004
Chris Cannam [interviewed](#) Han-Wen Nienhuys and Jan Nieuwenhuizen on [linuxmusician.com](#) (original site defunct). This interview was also reviewed in a [slashdot story](#).

- February 2004

Jazz singer Gail Selkirk writes about **Diving into LilyPond**. “... you can make lead sheets or full orchestral parts, and the results can be stunning.” **Computer Music Special**, issue CMS06.

User testimonials



Carter Brey, Principal Cellist, New York Philharmonic

“... I’ve written a couple of encore pieces for solo cello which I’ve printed with LilyPond and which I’m going to submit to Schirmer for publication. I’ll bet their engraved version wouldn’t look half as sharp as mine!”



Orm Finnendahl, professor of Composition, Musikhochschule Freiburg

“Although I don’t know [LilyPond] very well yet, I’m ***very** impressed. I used the program to input a motet of Josquin Desprez in mensural notation and there’s no doubt that lilypond outscores all other notation programs easily concerning speed, ease of use and look!”



Darius Blasband, composer (Brussels, Belgium)

“[..after the first orchestra rehearsal] I got numerous compliments about the quality of the scores. Even more importantly, while LilyPond provides numerous hacks to improve the way its scores look, what the orchestra got from me is basically the raw, untouched output.”

Kieren MacMillan, composer (Toronto, Canada)

“thanks and kudos to the development team for their incredible work. I’ve never seen anything approaching the output that I get from LilyPond – I’m totally confident that my music publishing needs will be fulfilled beyond my expectations using this great application. [...] basically untweaked LilyPond output [...] looks better than most recent ‘professional’ publications I’ve compared it to (q.v., just about any Warner Bros. score, and even many of the most recent by ‘the old houses’). [...]”

“Beat that, Finale/Sibelius/Igor/whatever!!!”

Chris Cannam, lead programmer of the **RoseGarden** project

“LilyPond is obviously the zillion-ton gorilla [of great music typesetting].”

Chris Snyder, **Adoro Music Publishing**

“The way that music is entered for LilyPond causes me to think in a more musical way – there have been times when I’ve been stumped as to how to tell Lily to engrave something, only to realize that even if I did get it exactly as the composer wanted, the music would be confusing to read. LilyPond makes it much easier for me to work in my dual editor+engraver role.”

“I’ve been using LilyPond exclusively for my fledgling music publishing business. Virtually without exception, every composer has been blown away by the quality of the engraving when presented with the proofs of their music about to be published. I deserve some of the credit for this – I spend a lot of time tweaking output, especially ties (mainly in chords) – but LilyPond gives me an excellent starting point, a very intuitive interface, and the ability to modify absolutely anything if I want to take the time. I’m convinced that no commercial product can come close.”

David Bobroff, Bass Trombone, Iceland Symphony Orchestra

“I think LilyPond is great [...] The more I learn about LilyPond the more I like it!”

Vaylor Trucks, Electric guitar player (Yes, **related to**)

“I am super impressed with LilyPond [...]”

“THIS IS THE BEST PROGRAM EVER!!!”

“Thank you all SO MUCH for your hard work and dedication!”

Nicolas Sceaux, **Mutopia** contributor

“I had a kind of hate-passion relationship with it. Passion because the first score I saw was so amazing! The description of LilyPond lies about its beautifulness, it is too modest! [...] as LilyPond is getting always better, and as I look closer how things are done in scheme, I have less and less frustrations. Anyway, what I mean is: thank you for providing LilyPond, it is really good.”

Werner Lemberg, Conductor at the Theatre in Koblenz, Germany and distinguished GNU Hacker

“Anyway, LilyPond does an amazingly good job!”

Paul Davis, developer of **JACK** and **Ardour**

“I think [LilyPond is] an incredible program, and it produces wonderful, wonderful output. when i read an interview about it last year, i was raving to several friends of mine about its potential.”

Dr. Mika Kuuskankare, researcher at the **Sibelius Academy Finland**, composer and author of **Expressive Notation Package (ENP)**

“I have the deepest respect towards LilyPond and towards its creators and maintainers as I know from personal experience how difficult this kind of software can be.”

David Cameron, Musician, professional typesetter and long time **SCORE** user

“My heartfelt thanks to everyone who contributes to this project. I was a power SCORE user for big typesetting houses way back in the '90s, but I feel LilyPond finally makes it possible for me to get exactly what I want on the page, especially when it isn't "standard" practice.”

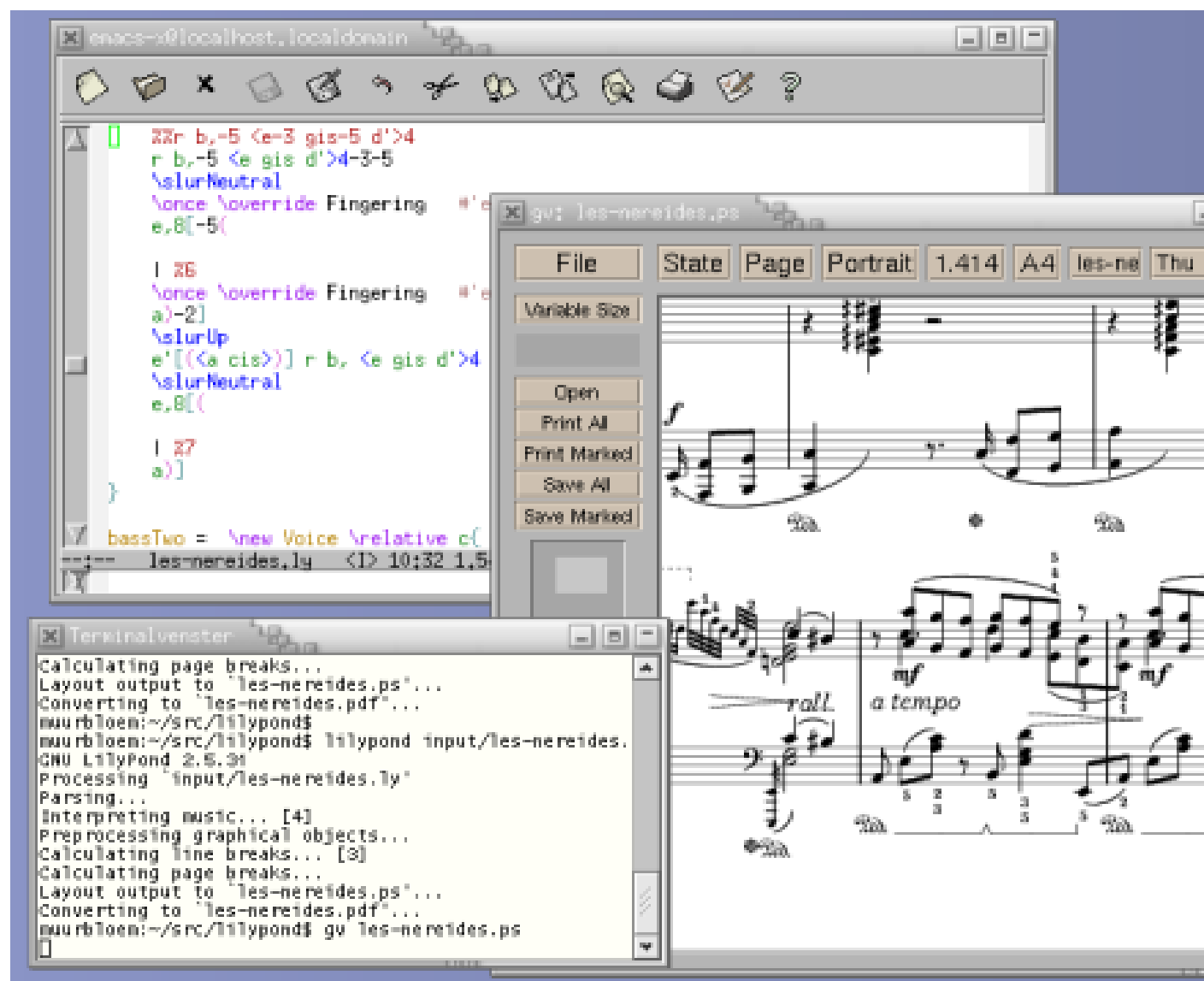
If you are aware of any other news articles or testimonials which could be listed here, please let us know by following the instructions on [\[Bug reports\]](#), page 87.

Where now?

Read about our [\[Text input\]](#), page 18.

Text input

“Compiling” Music



LilyPond is a *compiled* system: it is run on a text file describing the music. The resulting output is viewed on-screen or printed. In some ways, LilyPond is more similar to a programming language than graphical score editing software.

You do not write music by dragging notes from a graphical toolbar and placing them on a dynamically refreshing score; you write music by typing text. This text is interpreted (or “compiled”) by LilyPond, which produces beautifully engraved sheet music.

People accustomed to graphical user interfaces might need to learn a new way of working, but the results are definitely worth it!

Note: We present a quick overview of our text input – it's not as complicated as it sounds! Don't worry about understanding every detail in these examples; our beginner documentation covers everything at a much more gradual pace.

It's as simple as A B C

Notes are encoded with letters and numbers. Special commands are entered with backslashes.

```
{
  \time 2/4
  \clef bass
  c4 c g g a a g2
}
```

Commands start with \

Letters are notes

Numbers are durations



Alterations are made with different names: add **-is** for sharp, and **-es** for flat (these are Dutch note names, other languages are available). LilyPond figures out where to put accidentals.

```
\relative c' {
  \key c \minor
  g(
    <ees c'>)
    <d f gis b>-
    <ees g bes>-
  }
```

Add articulations

Add -es for flat, -is for sharp

Enclose pitches in < > for chords



Pop music

Put chords and lyrics together to get a lead sheet:

```
<<
\chords {
  c1:m7 f2:7 c2
}
\relative c'' {
  g2 es8( c4) es8
  f8 es d c~ c2
}
\addlyrics {
  You are
  the sky and my rain,
}
>>
```

Enter chord names

Enter melody

Enter lyrics

Combine melody and lyrics

The musical notation shows a lead sheet for the song. It features a treble clef, a common time signature (C), and a key signature of one flat (Bb). The melody is written on a single staff. The chords are Cm⁷, F⁷, and C. The lyrics are "You are the sky and my rain,".

You are the sky and my rain,

Orchestral parts

The input file contains the notes of piece of music. Score and parts can be made from a single input file, so that changing a note always affects the score and parts. To be able to include the same music in multiple places, the music is assigned to a “variable” (a name).

hornNotes =

```
\relative c {
  \time 2/4
  R2*3
  r4 f8 a cis4 f e d
}
```

Enter multi-rest

bassoonNotes =

```
\relative c {
  \clef bass
  r4 d,8 f gis4 g b bes
  a8 e f4 g d gis f
}
```

Store notes in variable

This variable is then used in a single part (here transposed, with condensed rests spanning several measures):

```
{
```

```
\set Score.skipBars = ##t
```

```
\transpose f c' \hornNotes
```

```
}
```

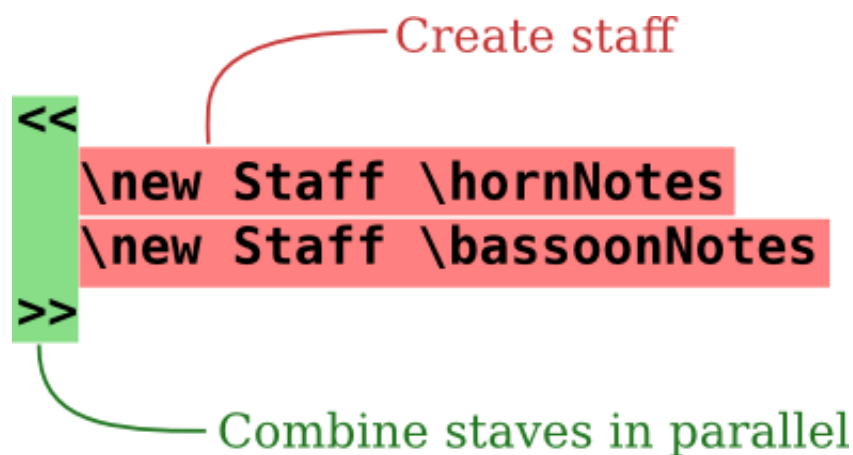
Condense multi-rests

Reuse variable

Transpose for F instrument



The same variable is used in the full score (here in concert pitch):



The diagram illustrates the LilyPond code for creating two staves in parallel. A green vertical bar on the left contains the code: `<<`, `\new Staff \hornNotes`, `\new Staff \bassoonNotes`, and `>>`. A red arrow points from the text "Create staff" to the first `\new Staff` line. A green arrow points from the text "Combine staves in parallel" to the opening `<<` and closing `>>` brackets.



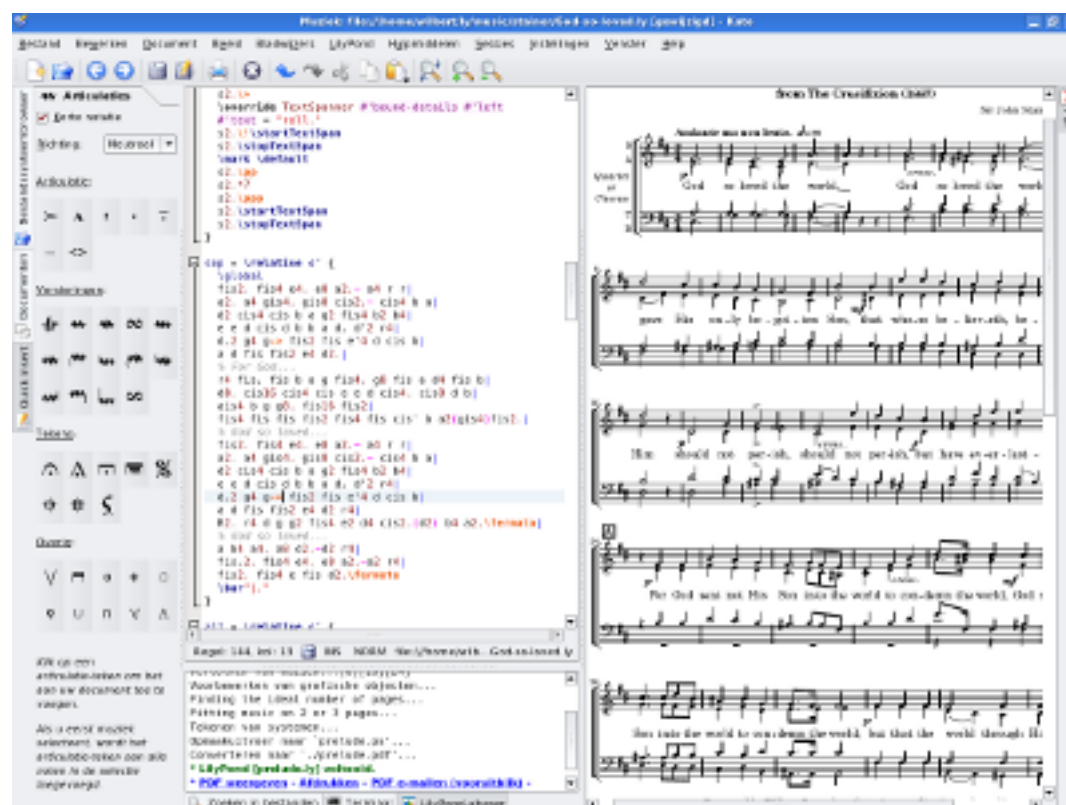
Beginner Documentation

We realize that many users find this way of entering music a bit odd. For this reason, we have written extensive documentation to help new users, beginning with [\[Learning\]](#), page 56. The Learning Manual is the best place to start, as many questions are answered before they come up!

Please read the Learning Manual before complaining about bugs! New users occasionally believe that LilyPond is not working correctly, when in fact it is working precisely as designed.

More in-depth information is available in [\[Manuals\]](#), page 56.

Easier editing environments



LilyPond is primarily concerned with producing top-quality engraved sheet music; creating a Graphical User Interface (GUI) would distract us from this goal. However, there are other projects aimed at making it easier to create LilyPond input files.

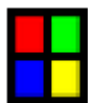
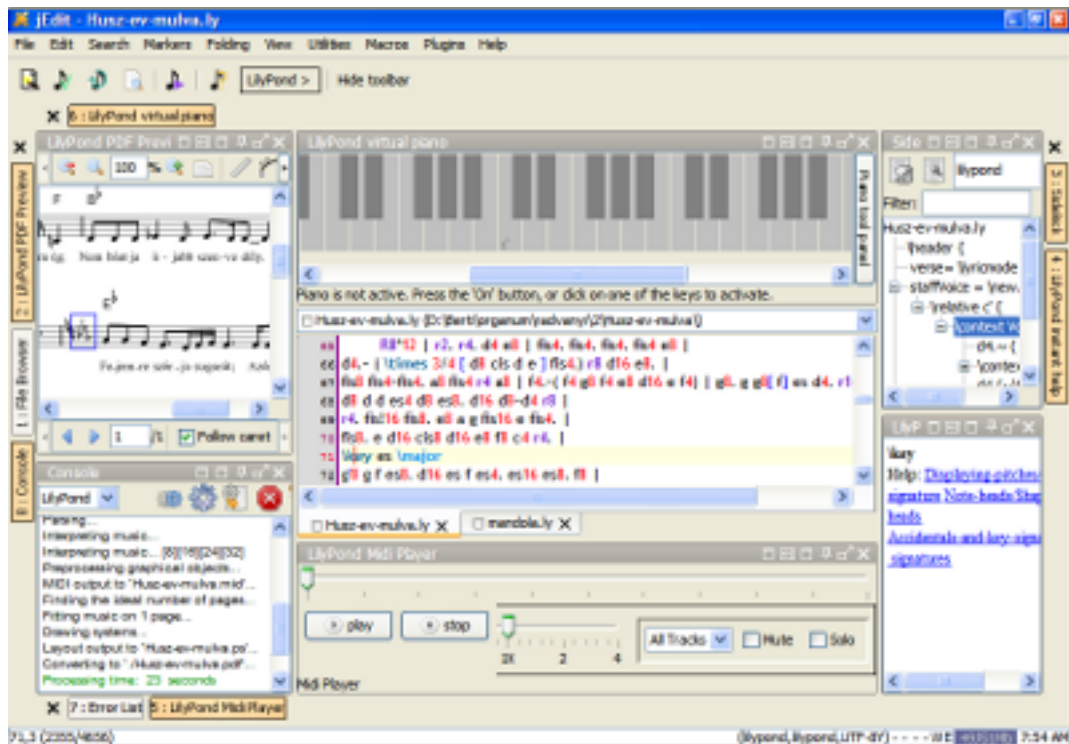
Some editing environments include syntax highlighting, automatic command completion, and pre-made templates. Other programs actually provide a GUI which allows direct manipulation of a graphical score. For more information, see [\[Easier editing\]](#), page 23.

Where now?

You are now ready to [\[Download\]](#), page 29. Still not convinced? Read about [\[Easier editing\]](#), page 23.

Easier editing

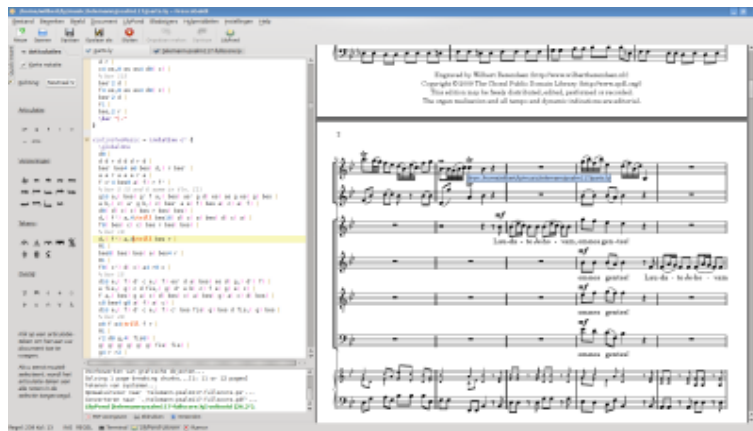
LilyPondTool



<http://lilypondtool.organum.hu>

Created as a plugin for the **jEdit** text editor, LilyPondTool is one of the most feature-rich text-based tools for editing LilyPond scores. Its features include a Document Wizard with lyrics support to set up documents easier, and embedded PDF viewer with advanced point-and-click support.

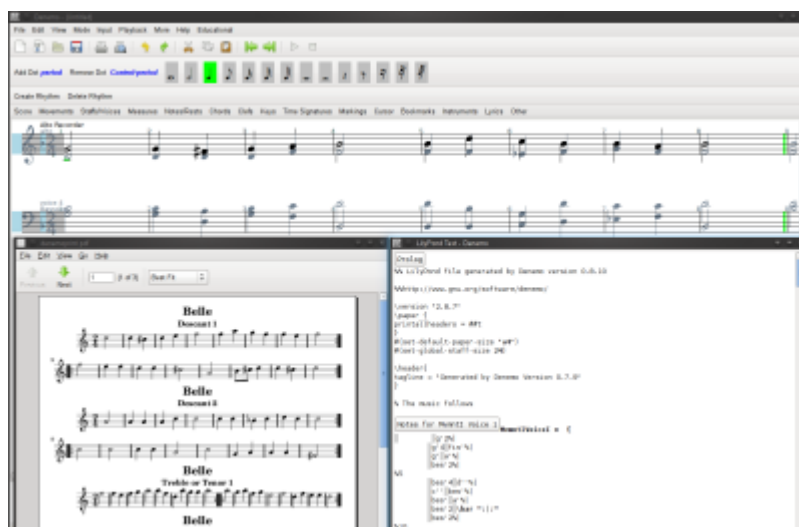
Frescobaldi

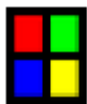


<http://www.frescobaldi.org>

Frescobaldi is a dedicated LilyPond music and text editor with a built-in PDF previewer, a powerful score wizard and many editing features. It is built on top of the KDE4 libraries and runs currently on all flavours of Linux and other UNIX-like operating systems.

Denemo



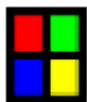


<http://denemo.org>

Denemo is a graphical editor which generates LilyPond source code, and also allows audio playback. It allows users to view the LilyPond source code in parallel to the graphical view. Extra LilyPond tweaks can be attached to notes, chords etc. and are stored with the Denemo file, so that users can continue to edit graphically.

Moving the cursor in the LilyPond text moves the cursor in the graphical view, and any syntax errors in your LilyPond tweaks are highlighted in the text view when printed from there.

Text editors



<http://www.gnu.org/software/emacs/>

Emacs is a text editor with language-sensitive capabilities for many different computer languages. Emacs is a highly extensible editor and can be used as an Integrated Development Environment. There is a ‘lilypond mode’ which supplies the language definitions for working with LilyPond source files. As well, one of our developers has written *lyqi*, an Emacs major mode.

<http://www.vim.org>

Vim is a minimal text editor and is an extension of the older Unix *vi* editor. It is also extensible and configurable.

As a general rule, if you are not already familiar with Emacs or Vim, then you would probably prefer to use a different editor for writing LilyPond input files.

More information on setting up Emacs and Vim can be found in [Section “Text editor support”](#) in *Application Usage*.



<http://www.uoregon.edu/~koch/texshop>

The TexShop editor for MacOS X can be extended to run LilyPond, *lilypond-book* and *convert-ly* from within the editor, using the extensions available at:

<http://users.dimi.uniud.it/~nicola.vitacolonna/home/content/lilypond-scripts>



There is a LilyPond bundle for TextMate, a commercial editor for MacOS. It may be installed by running:

```
mkdir -p /Library/Application\ Support/TextMate/Bundles
cd /Library/Application\ Support/TextMate/Bundles
git clone http://github.com/textmate/lilypond.tmbundle.git
```

Programs that can export LilyPond code

Score, tab and MIDI editors:

- **Rosegarden**, an audio and MIDI sequencer, which also has a score editor for single-staff editing.
- **NtEd**, a score editor based on the **Cairo** library, has experimental support for exporting to LilyPond.
- **TuxGuitar**, a multitrack tablature editor and player, includes a score viewer and can export to LilyPond.
- **MuseScore**, a score editor, has incomplete LilyPond export but is being actively developed.
- **Canorus**, a score editor, can also export to LilyPond, but is still beta-software. Testers are welcome, though.
- **Rumor**, a realtime monophonic MIDI to LilyPond converter.
- **NW2LY** is a C# program which converts a **NoteWorthy** song into LilyPond.

Algorithmic code generators

- **Abjad**, a **Python** API for Formalized Score Control designed to help composers build up complex pieces of LilyPond notation in an iterative and incremental way.
- **FOMUS**, a LISP library to generate music notation from computer music software environments.
- **Strasheela**, an environment built on top of the **Mozart/Oz** constraint programming language.

Other programs not being actively developed

- **LilyKDE** has been replaced by **Frescobaldi**, and exists as LilyKDE3 for KDE 3.5 and lilypond-KDE4 for KDE 4.1 only.
- **NoteEdit**, which imported **MusicXML**, has been forked into **NtEd** and **Canorus**.
- **LilyComp** is a graphical note entry program, acting much like a number-pad which produces lilypond notes.

Where now?

You are now ready to [\[Download\]](#), page 29.

Still not convinced? Many composers, musicians, and conductors have learned how to write music in our input format. Experienced users even report that they can enter a full score in LilyPond faster than with a piano keyboard or mouse+GUI! Perhaps you would like to review

the [\[Features\]](#), page 3, [\[Examples\]](#), page 5, or the [\[Freedom\]](#), page 13 that LilyPond provides, or read about users' [\[Productions\]](#), page 14 and [\[Reviews\]](#), page 14. In addition, our approach to the computational aesthetics of classical engraving is explained in our [\[Background\]](#), page 13.

Legalese

All logos and product images are copyright and trademark acknowledged.

Tux the Linux Penguin was created by lewing@isc.tamu.edu with the [Gnu Image Manipulation Program](#).

The FreeBSD logo is a registered trademark of [The FreeBSD Foundation](#).

The “X image” is not a registered trademark. It was created by [Nihonjoe](#) and [CyberSkull](#), and placed under the GNU Free Documentation License version 1.2 or later. We found the image on [this Wikimedia Commons page](#).

The “four colored rectangles image” is not a registered trademark. It was created by [Rohitbd](#) and placed under the GNU Free Documentation License version 1.2. We found the image on [this Wikimedia Commons page](#).

Download

Downloads for LilyPond 2.15.0

Note: Links for the stable version of LilyPond can be found at lilypond.org

Note: LilyPond is a **text-based** music engraver; it is more similar to a programming language than a graphical score editing program. Before downloading LilyPond, please read about our [\[Text input\]](#), page 18.

For users

- [\[Unix\]](#), page 30 [\[Unix\]](#), page 30
- [\[MacOS X\]](#), page 32 [\[MacOS X\]](#), page 32
- [\[Windows\]](#), page 38 [\[Windows\]](#), page 38

For developers

- [\[Source\]](#), page 45: for packagers
- [\[Old downloads\]](#), page 46: old versions
- [\[Development\]](#), page 89: latest unstable version

Software License

LilyPond is published under the [\[GPL\]](#), page 46.

Sponsors

Many thanks to [Virginia Tech](#) and linuxaudio.org for sponsoring our bandwidth.



Legalese

All logos and product images are copyright and trademark acknowledged.

Tux the Linux Penguin was created by lewing@isc.tamu.edu with the [Gnu Image Manipulation Program](#).

The FreeBSD logo is a registered trademark of [The FreeBSD Foundation](#).

The “X image” is not a registered trademark. It was created by [Nihonjoe](#) and [CyberSkull](#), and placed under the GNU Free Documentation License version 1.2 or later. We found the image on [this Wikimedia Commons page](#).

The “four colored rectangles image” is not a registered trademark. It was created by [Rohitbd](#) and placed under the GNU Free Documentation License version 1.2. We found the image on [this Wikimedia Commons page](#).

Unix






Note: LilyPond is a **text-based** music engraver; it is more similar to a programming language than a graphical score editing program. Before downloading LilyPond, please read about our [\[Text input\]](#), [page 18](#).

Generic Packages or Distribution-Specific Packages?

Many distributions include LilyPond in their normal package system. These versions are easier to install and uninstall than the generic packages, but they may be older. If you wish to use our generic packages, please uninstall the official version from your system using the normal package manager for your distribution. See your distribution’s documentation about how to use their package manager.

Generic Packages

Download

-  [Linux x86: LilyPond 2.15.0-1](#)
(if in doubt, use this)
-  [Linux 64: LilyPond 2.14.0-1](#)
-  [Linux PPC: LilyPond 2.14.0-1](#)
-  [FreeBSD i386: LilyPond 2.14.0-1](#)
-  [FreeBSD amd64: LilyPond 2.14.0-1](#)

Install

In the shell, type:

```
cd PATH-TO-DOWNLOAD-DIRECTORY
sh lilypond-2.14.0
-OS-TYPE.sh
```

Uninstall

In the shell, type:


```
uninstall-lilypond
```

Compiling a file

Note: These instructions assume that you are familiar with command-line programs. If you are using any of the programs described in [Section “Easier editing” in *General Information*](#), please consult the documentation for those programs if you have any problems compiling a file.

Step 1. Create your ‘.ly’ file

Create a text file called ‘test.ly’ and enter:

```
\version "2.14.0"
{
  c' e' g' e'
}
```

Step 2. Compile (with command-line)

To process ‘test.ly’, type the following at the command prompt:

```
lilypond test.ly
```

You will see something resembling:



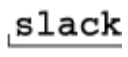

```
GNU LilyPond 2.14.0
Processing `test.ly'
Parsing...
Interpreting music...
Preprocessing graphical objects...
Solving 1 page-breaking chunks...[1: 1 pages]
Drawing systems...
Layout output to `test.ps'...
Converting to `./test.pdf'...
```

Step 3. View output

You may view or print the resulting ‘test.pdf’.

Distribution-specific Packages

Please use your distribution’s package manager to install or upgrade to these versions.

-  Fedora: LilyPond 2.12.3
-  Ubuntu: LilyPond 2.12.2
-  Slackware: LilyPond 2.12.3
-  Debian: LilyPond 2.12.2



• openSUSE: LilyPond 2.12.3

Legalese

All logos and product images are copyright and trademark acknowledged.

Tux the Linux Penguin was created by lewing@isc.tamu.edu with the [Gnu Image Manipulation Program](#).

The FreeBSD logo is a registered trademark of [The FreeBSD Foundation](#).

MacOS X

Note: LilyPond is a **text-based** music engraver; it is more similar to a programming language than a graphical score editing program. Before downloading LilyPond, please read about our [\[Text input\]](#), [page 18](#).

Packages

Download



- [MacOS X x86: LilyPond 2.14.0-1](#) For MacOS X 10.4 or higher, running on Intel CPUs (if in doubt, use this).



- [MacOS X PPC: LilyPond 2.14.0-1](#) For MacOS X 10.4 or higher, running on G3 and G4 CPUs (old Apple computers).

Install

Double-click the downloaded file, then drag it to wherever you want.

Uninstall

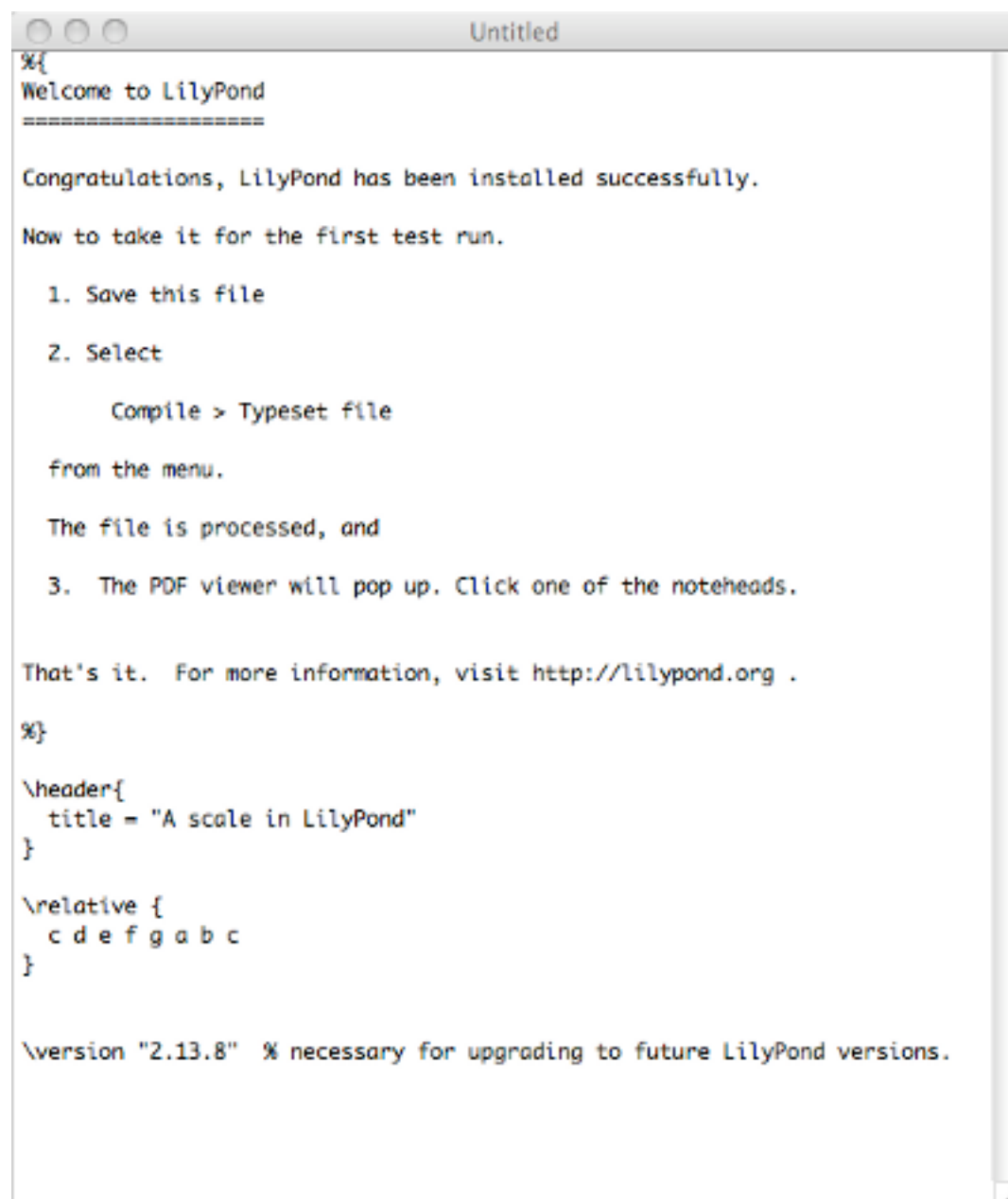
Delete the LilyPond.app folder.

Compiling a file

Note: These instructions assume that you are using the LilyPond application. If you are using any of the programs described in [Section “Easier editing” in General Information](#), please consult the documentation for those programs if you have any problems.

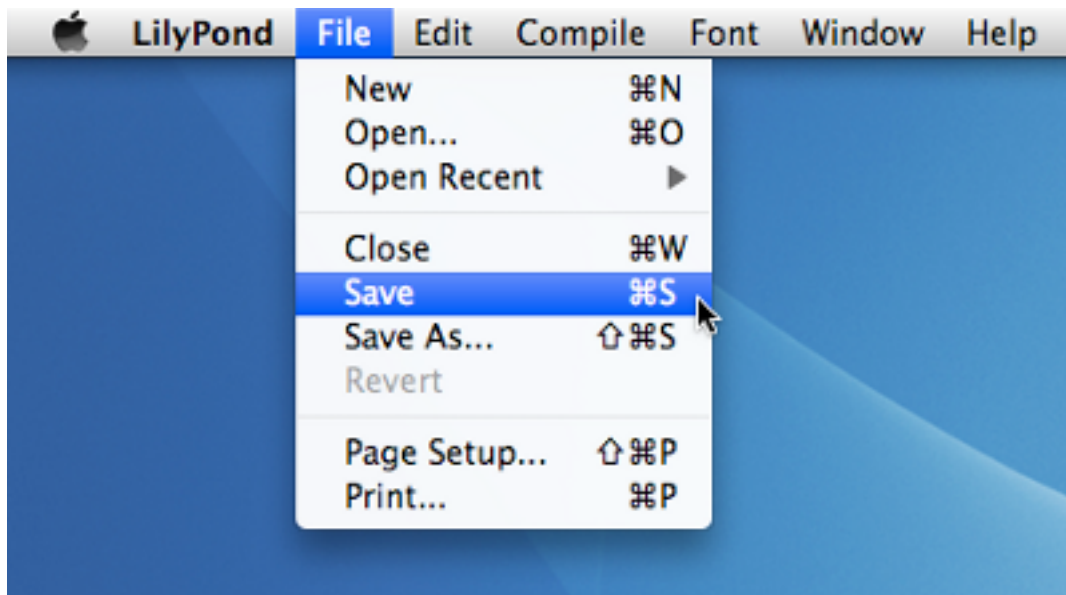
Step 1. Create your '.ly' file

Double click the LilyPond.app, an example file will open.

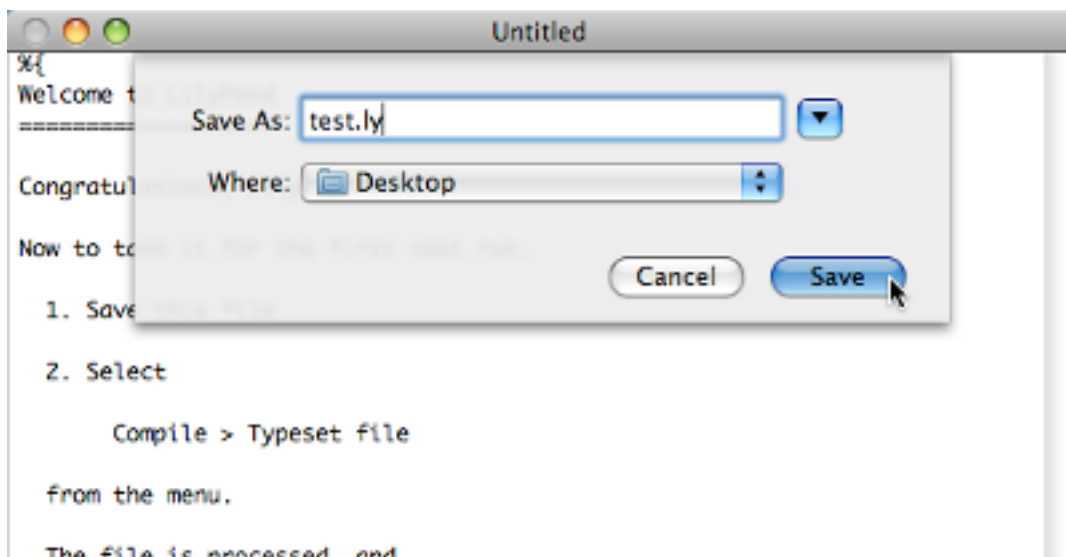


```
%{\nWelcome to LilyPond\n=====\n\nCongratulations, LilyPond has been installed successfully.\n\nNow to take it for the first test run.\n\n1. Save this file\n\n2. Select\n\n    Compile > Typeset file\n\nfrom the menu.\n\nThe file is processed, and\n\n3. The PDF viewer will pop up. Click one of the noteheads.\n\nThat's it. For more information, visit http://lilypond.org .\n\n%}\n\n\\header{\n  title = "A scale in LilyPond"\n}\n\n\\relative {\n  c d e f g a b c\n}\n\n\\version "2.13.8" % necessary for upgrading to future LilyPond versions.
```

From the menus along the top left of your screen, select **File > Save**.

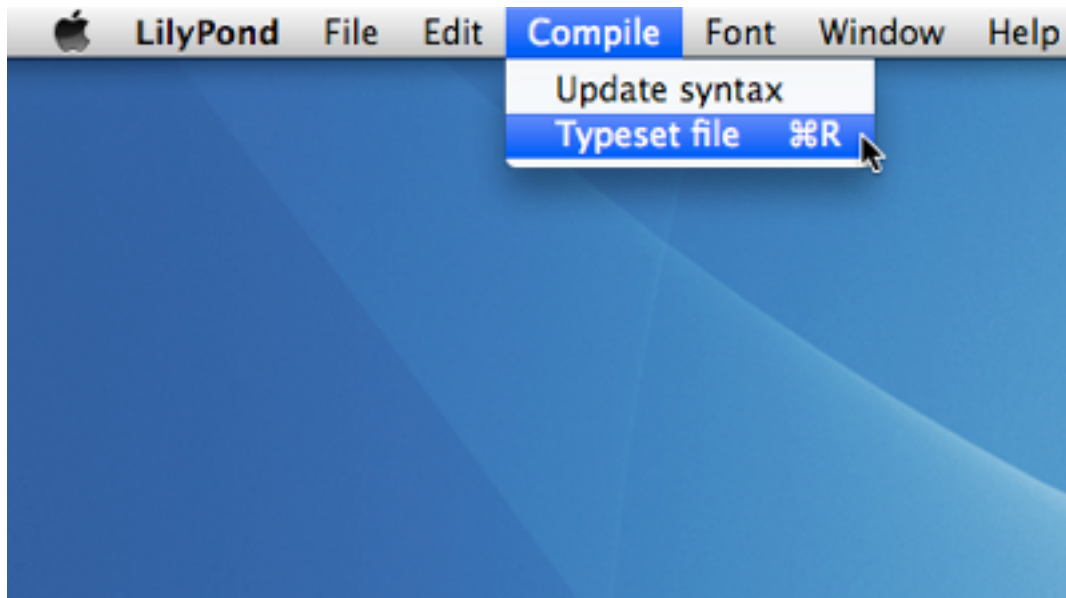


Choose a name for your file, for example 'test.ly'.

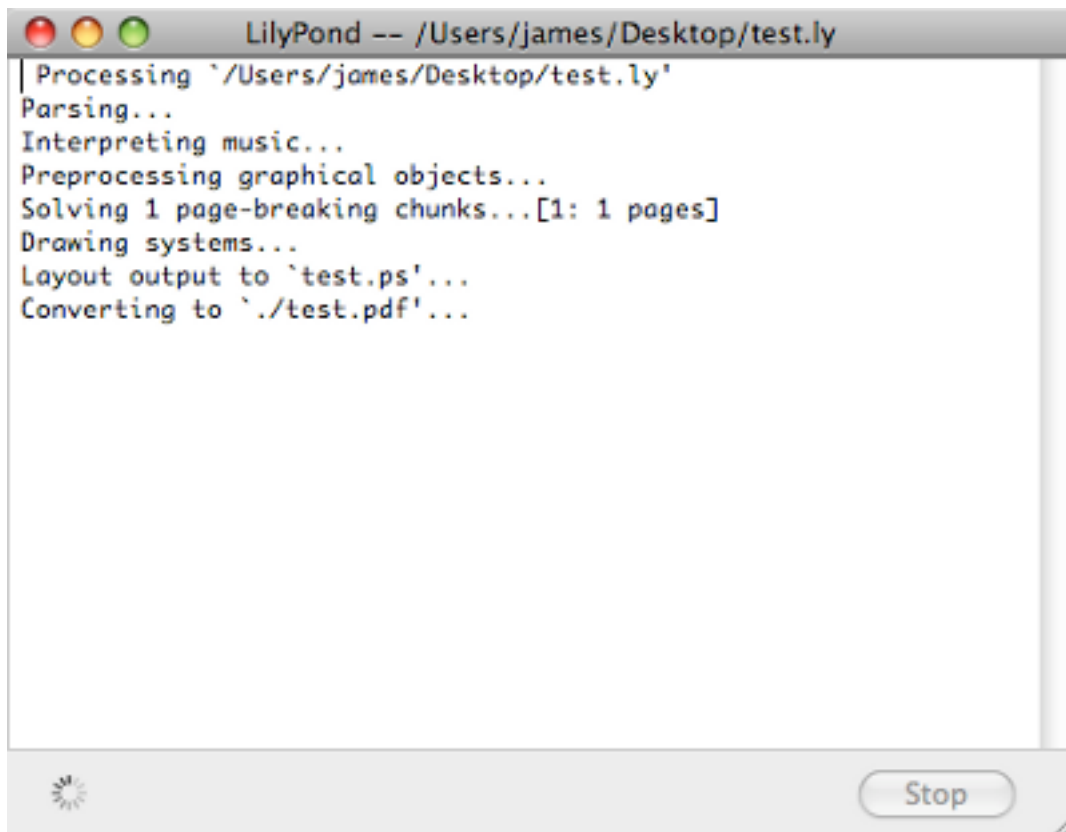


Step 2. Compile (with LilyPad)

From the same menus, select Compile > Typeset.

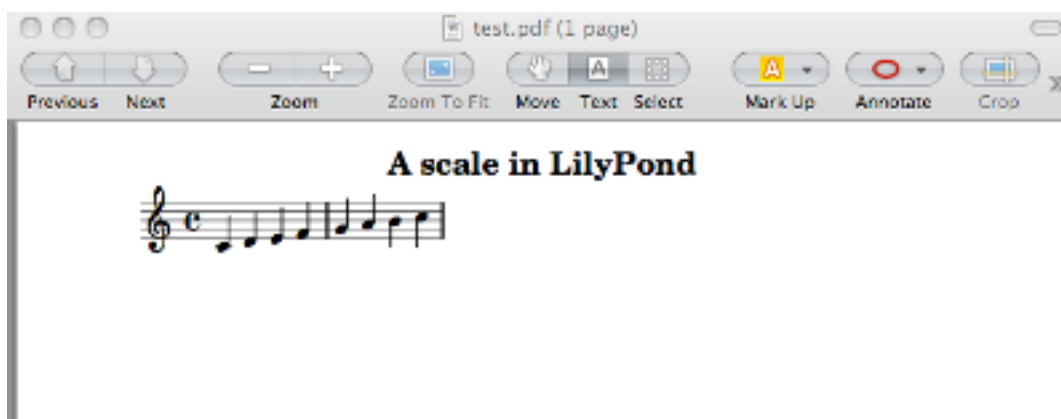


A new window will open showing a progress log of the compilation of the file you have just saved.



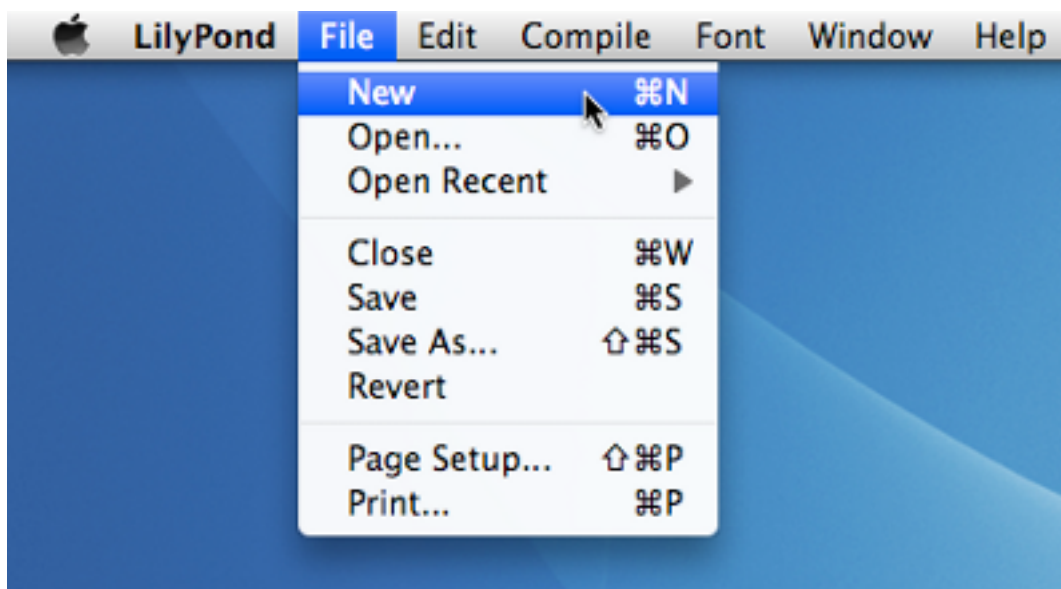
Step 3. View output

Once the compilation has finished, a PDF file will be created with the same name as the original file and will be automatically opened in the default PDF viewer and displayed on your screen.

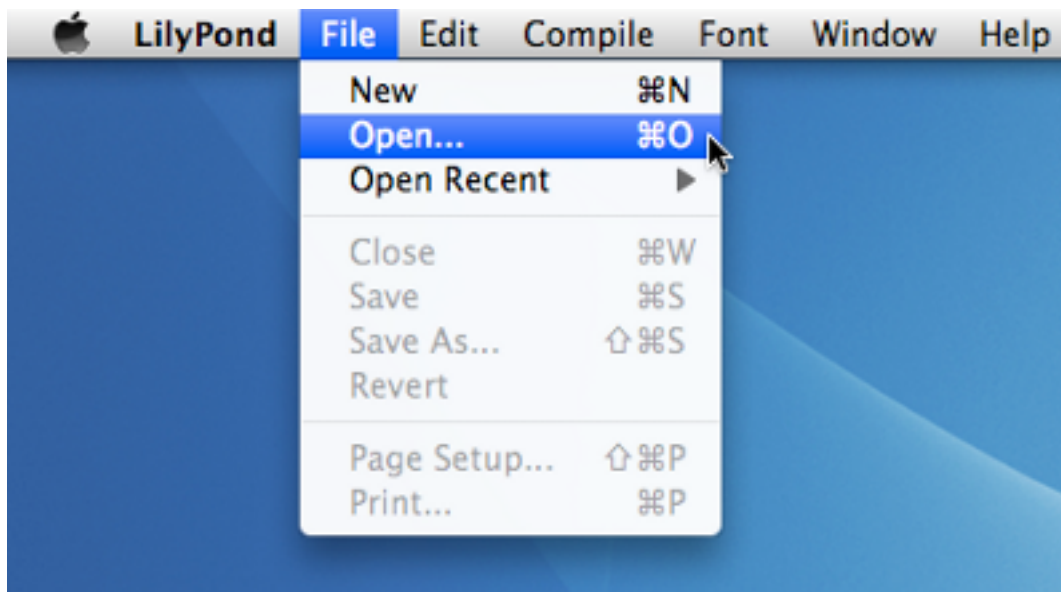


Other commands

To create new files for LilyPond, begin by selecting **File > New**



or **File > Open** to open and edit existing files you have saved previously.



You must save any new edits you make to your file before you **Compile > Typeset** and if the PDF file is not displayed check the window with the progress log for any errors.

If you are not using the default Preview PDF viewer that comes with the Mac Operating system and you have the PDF file generated from a previous compilation open, then any further compilations may fail to generate an update PDF until you close the original.

Running on the command-line

Note: If you are happy with the GUI, then please ignore these instructions.

MacOS X on the command line

The most convenient way to run lilypond scripts is by setting up “helper” scripts of your own.

1. Create a directory to store these scripts,

```
mkdir -p ~/bin
cd ~/bin
```

2. Create a file called `lilypond` which contains

```
exec DIR/LilyPond.app/Contents/Resources/bin/lilypond "$@"
```

Note: *DIR* will generally be `/Applications/`

3. Create similar files `lilypond-book`, `convert-ly`, and any other scripts you wish to use, by replacing the `bin/lilypond` with `bin/convert-ly` (or other program name).
4. Make the file executable,

```
chmod u+x lilypond
```

5. Now, add this directory to your path. Modify (or create) a file called `.profile` in your home directory such that it contains

```
export PATH=$PATH:~/bin
```

This file should end with a blank line.

Invoking individual scripts

The scripts — such as `lilypond-book`, `convert-ly`, `abc2ly`, and even `lilypond` itself — are included inside the `.app` file for MacOS X.

Scripts can also be run from the command line by invoking them directly:

```
path/to/LilyPond.app/Contents/Resources/bin/lilypond
```

The same is true for all other scripts in that directory, such as `lilypond-book` and `convert-ly`.

Legalese

All logos and product images are copyright and trademark acknowledged.

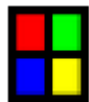
The “X image” is not a registered trademark. It was created by [Nihonjoe](#) and [CyberSkull](#), and placed under the GNU Free Documentation License version 1.2 or later. We found the image on [this Wikimedia Commons page](#).

Windows

Note: LilyPond is a **text-based** music engraver; it is more similar to a programming language than a graphical score editing program. Before downloading LilyPond, please read about our [\[Text input\]](#), page 18.

Packages

Download



- [Windows: LilyPond 2.14.0-1](#) For Windows 2000, XP, Vista and Windows 7.

Install

1. Locate the downloaded file and double-click on it to start the installer. Follow the instructions given to you by the installer; we recommend that you leave all the install options checked and use the default installation location. Click the ‘Finish’ button when the installer has completed. LilyPond is now installed.

Uninstall

To uninstall LilyPond either:

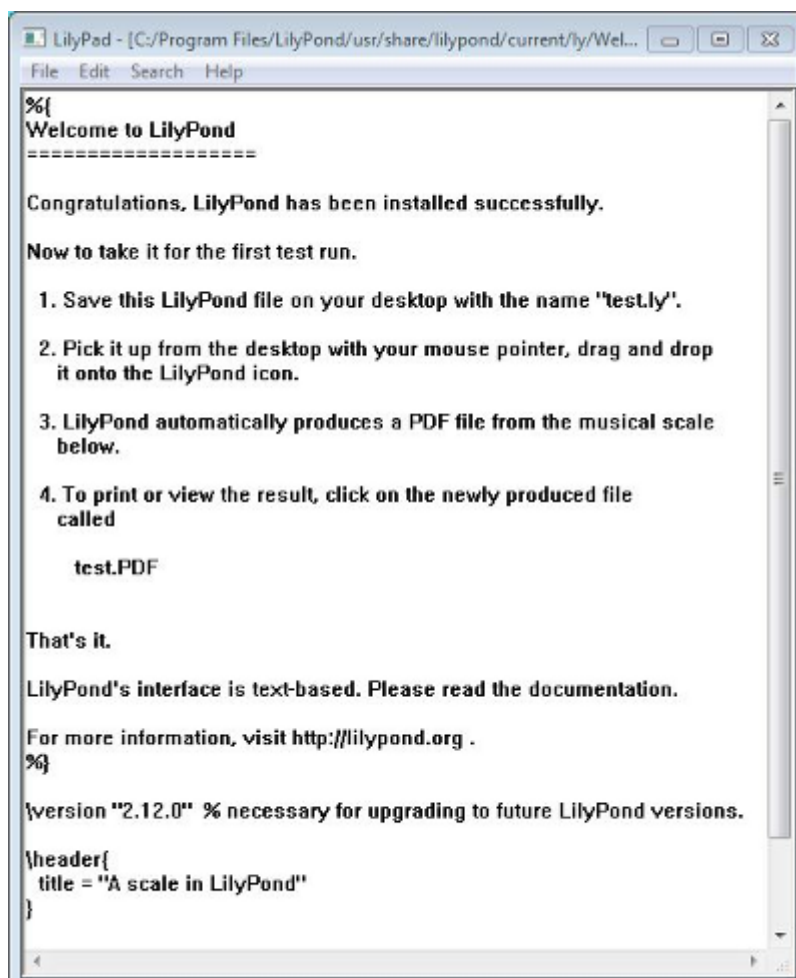
1. Locate the LilyPond folder from the ‘Start’ menu and click on the ‘Uninstall’ icon. Click the ‘Finish’ button when the uninstaller has completed.
2. Or from within the Control Panel, locate and select LilyPond and then choose the option to uninstall/remove the software. Click the ‘Finish’ button when the uninstaller has completed.

Compiling a file

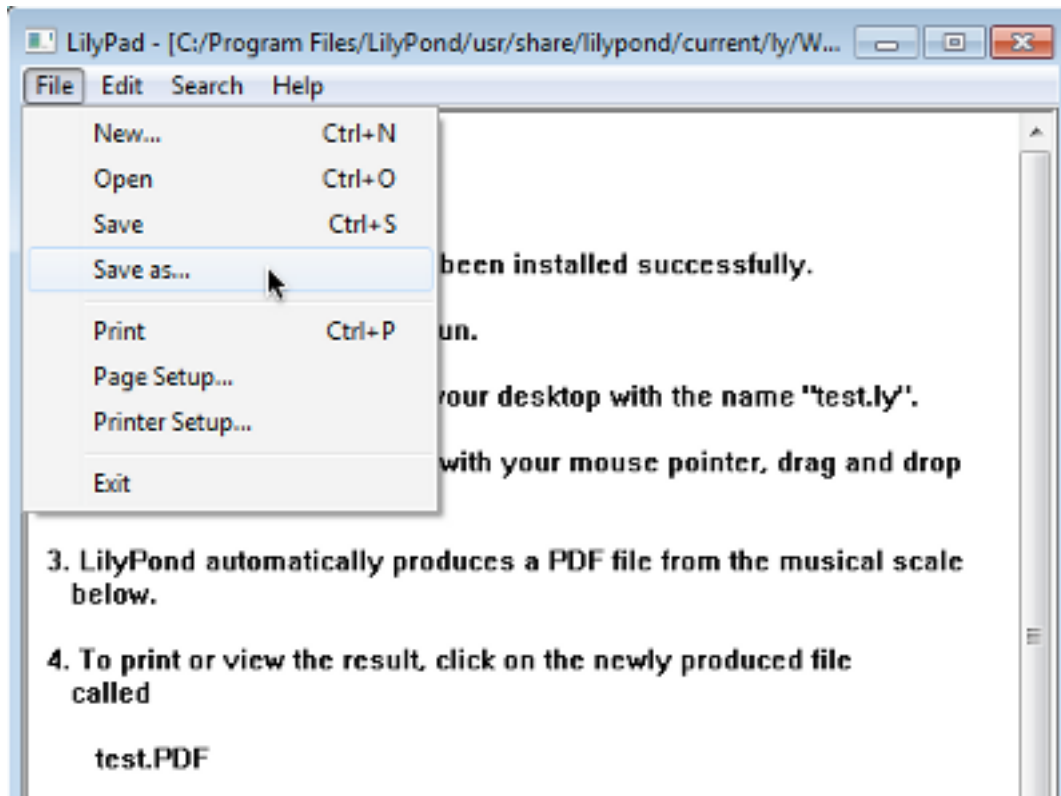
Note: These instructions assume that you are using the built-in LilyPad editor. If you are using any of the programs described in [Section “Easier editing” in General Information](#), please consult the documentation for those programs if you have any problems compiling a file.

Step 1. Create your '.ly' file

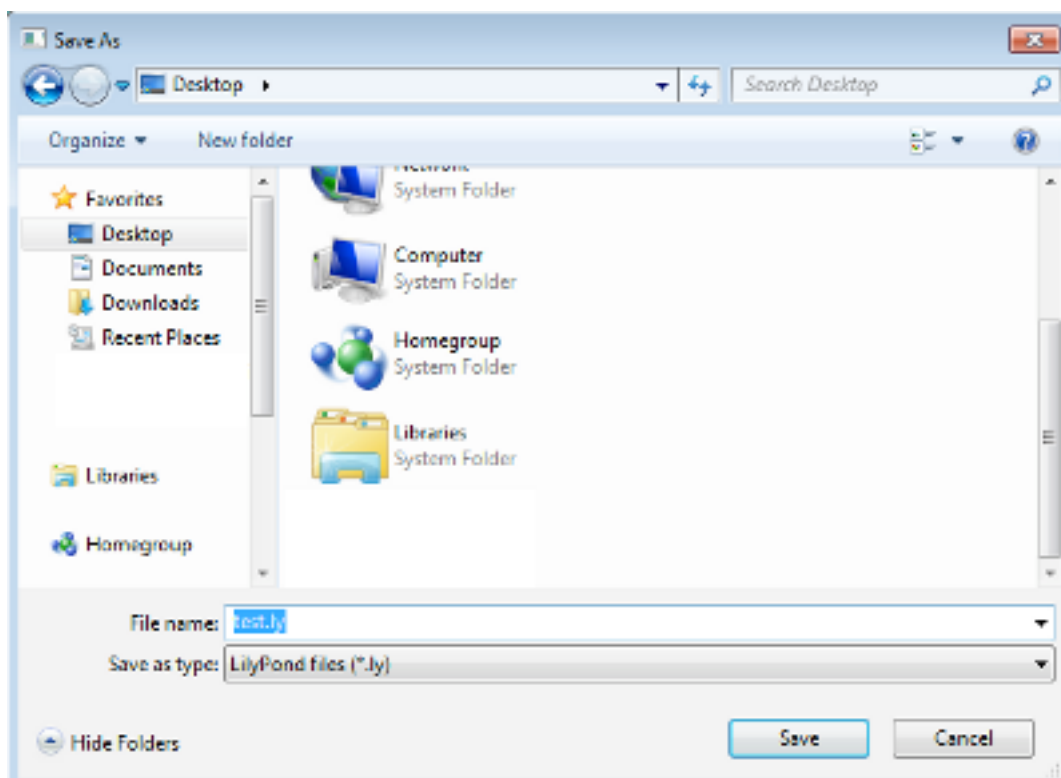
Double-click the LilyPond icon on your desktop, an example file will open.



From the menus that appear along the top of the example file, select **File > Save as**. Do not use the **File > Save** for the example file as this will not work until you have given it a valid LilyPond file name.



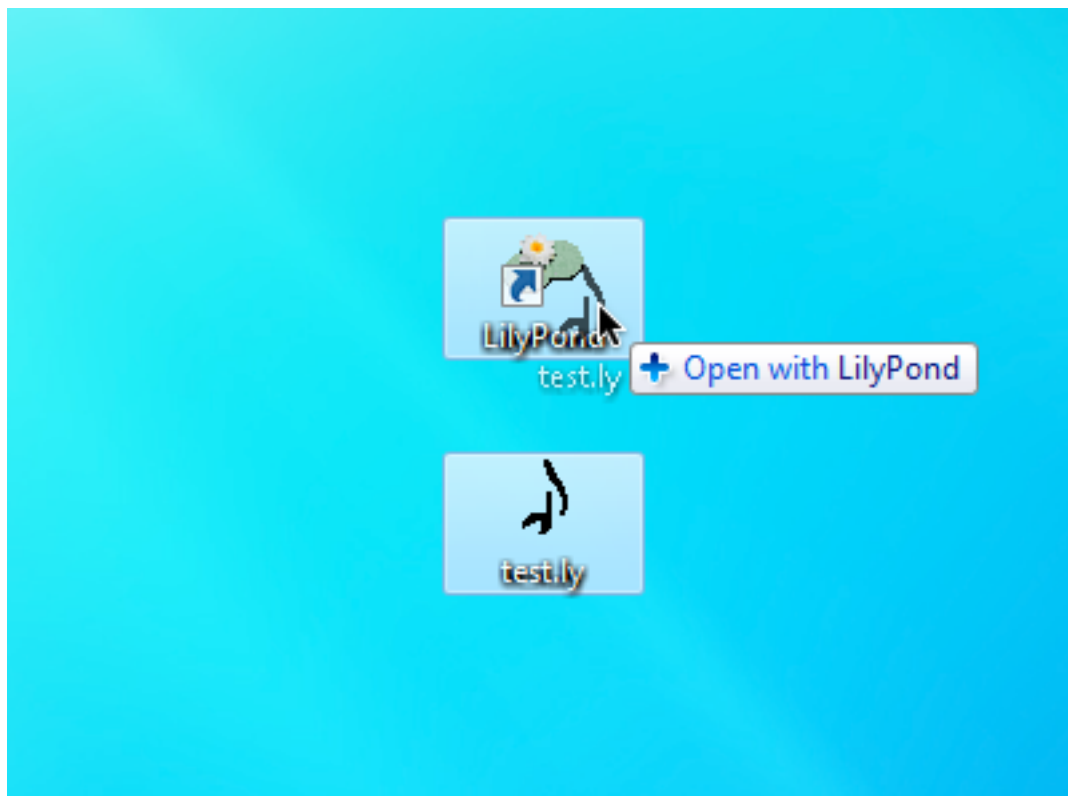
Choose a name for your file, for example 'test.ly'.



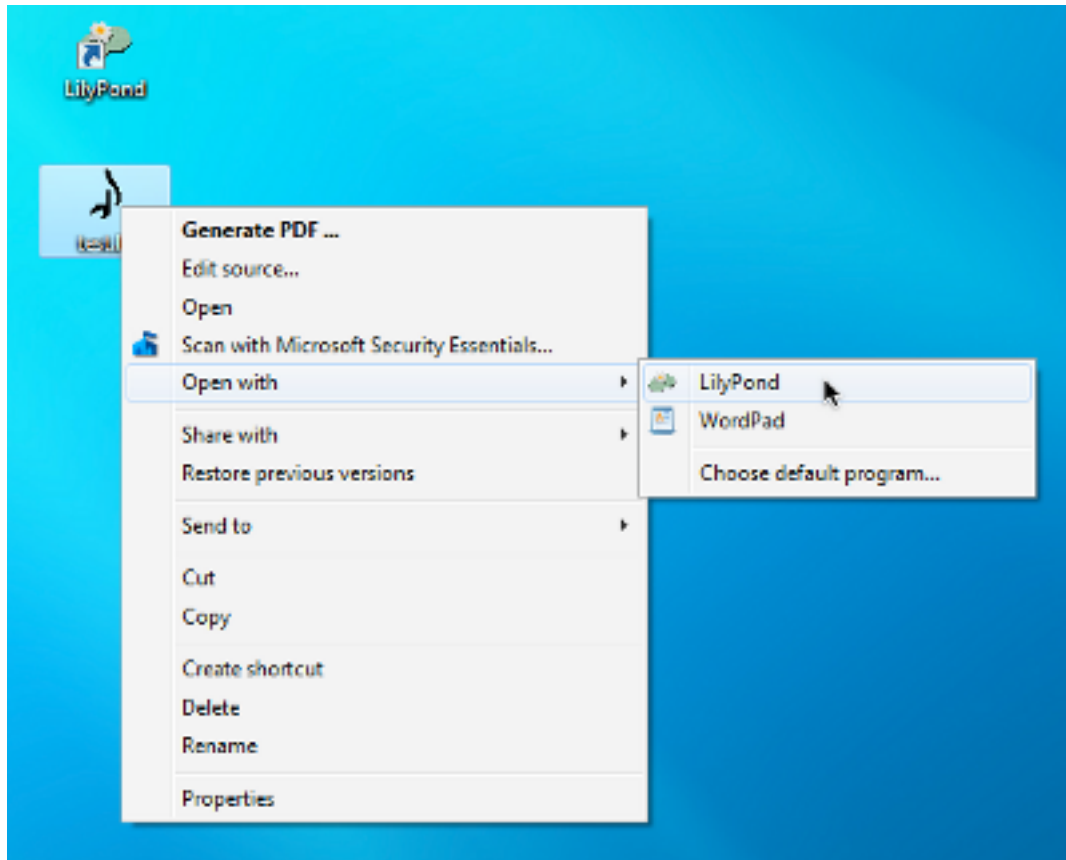
Step 2a. Compile (with drag-and-drop)

Depending on what you prefer, to compile your file either:

Drag-and-drop the file directly onto the LilyPond icon.



Right-click on the file and from the pop-up context menu choose **Open with > LilyPond**.

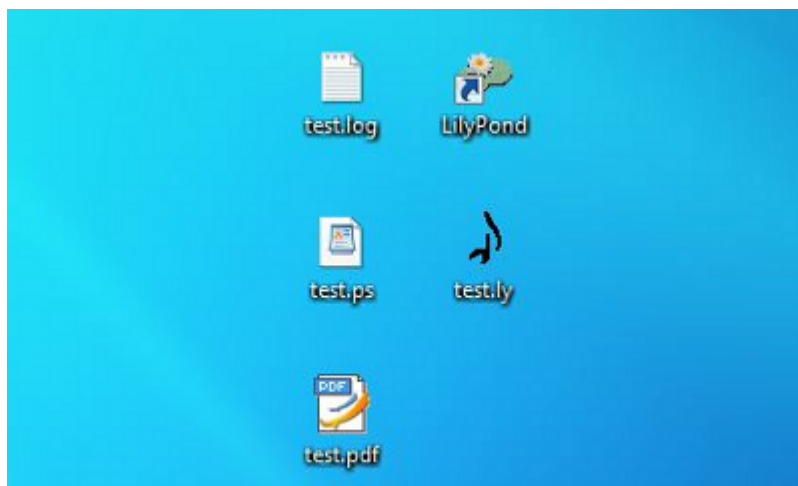


Step 2b. Compile (with double-clicking)

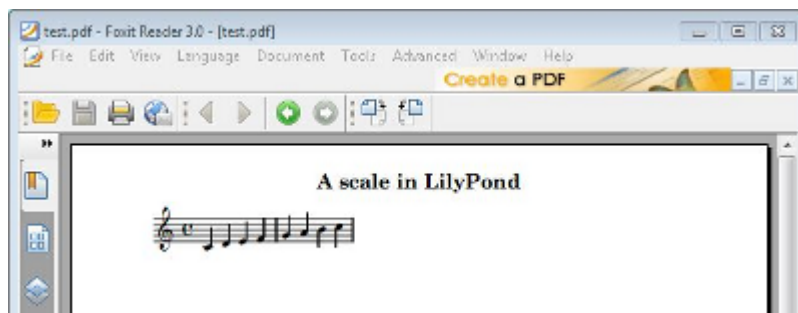
Or simply double-click the 'test.ly'.

Step 3. View output

During the compilation of the 'test.ly' file, a command window will, very briefly open and then close. Three additional files will have been created during this process.

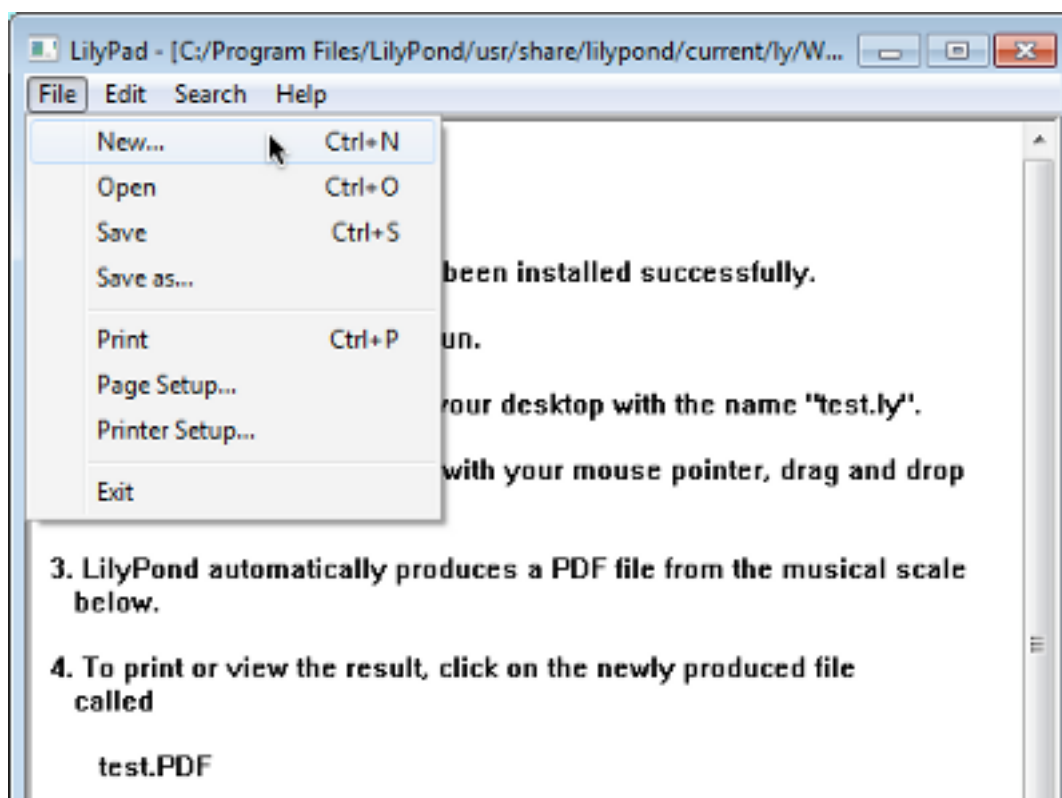


The PDF file contains the engraved 'test.ly' file.

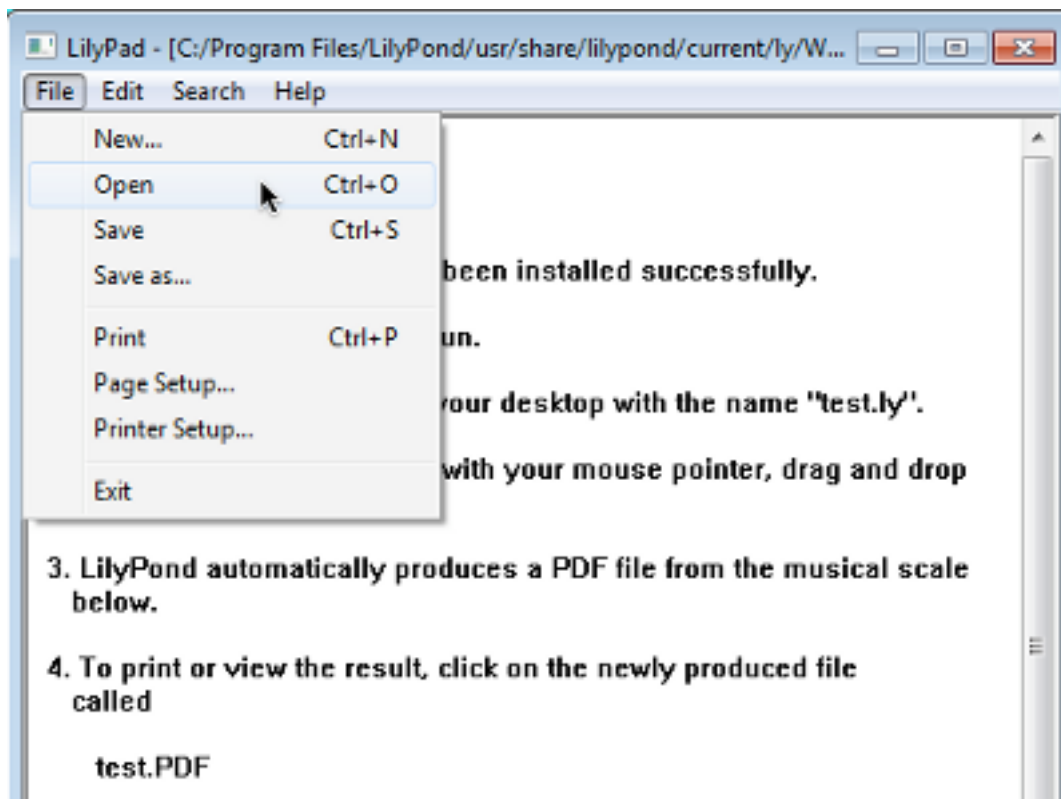


Other commands

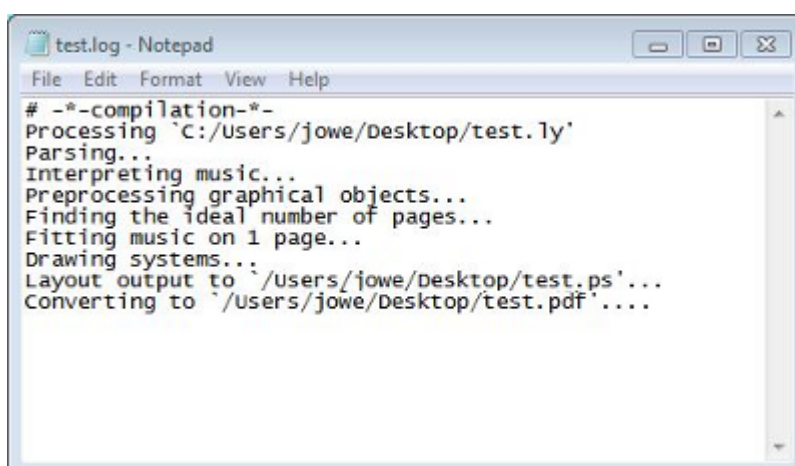
To create a new file, begin by selecting **File > New** from within any previously created file.



or **File > Open** to open and edit any files you have saved before.



You must save any new edits you make before you compile it and if the PDF file is not created, check the log file that will have been created during the compilation attempt, for any errors.



This log file is overwritten each time you compile your LilyPond file.

The PS file is used internally by LilyPond to create the PDF file and can be ignored. It also gets overwritten each time you compile your file.

If you are viewing your file in a PDF viewer, then you must close the PDF if you wish to make a new compilation as it may fail to create the new PDF while it is still being viewed.

Running on the command-line

Note: If you are happy with the GUI, then please ignore these instructions.

Windows on the command line

The most convenient way to run LilyPond is by adding the folder which contains LilyPond executable files to the environmental variable “Path”.

1. Open your “System” on the Control Panel, select Advanced tab and click Environmental Variables button.
2. Select the Variable “Path” from Environmental variables list and click the Edit button. You will be presented a window titled “Edit System Variable”; append to “Variable value” the name of the folder which contains LilyPond executable files like this:

`[pre-set paths];DIR\LilyPond\usr\bin`

Note: *DIR* will generally be `C:\Program Files`.

and click “OK” button to close the window.

Invoking individual executable files

LilyPond executable files – such as `lilypond`, `lilypond-book`, `convert-ly`, and so on – can be run from the command-line by invoking them:

```
lilypond test.ly
```

Legalese

All logos and product images are copyright and trademark acknowledged.

The “four colored rectangles image” is not a registered trademark. It was created by [Rohitbd](#) and placed under the GNU Free Documentation License version 1.2. We found the image on [this Wikimedia Commons page](#).

Source

Note: LilyPond is a **text-based** music engraver; it is more similar to a programming language than a graphical score editing program. Before downloading LilyPond, please read about our [\[Text input\]](#), page 18.

Note: We **do not** recommend that you attempt to build LilyPond yourself; almost all user needs are better met with the pre-built version.

Source tarball

Source: [lilypond-2.14.0.tar.gz](#)

For an extensive listing of all versions (old and new), see our [download site](#).

Compiling instructions

Instructions are listed in [Section “Compiling”](#) in *Contributor’s Guide*.

Old downloads

Note: LilyPond is a **text-based** music engraver; it is more similar to a programming language than a graphical score editing program. Before downloading LilyPond, please read about our [\[Text input\]](#), page 18.

All versions

For an extensive listing of all versions (old and new), see our [download site](#).

GPL

Software license

GNU LilyPond is published under the GNU General Public License. An introduction to this license, and our reasons for choosing it, is given in [\[Freedom\]](#), page 13.

GNU General Public License

Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <http://fsf.org/>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program—to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which

is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A “Major Component”, in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The “Corresponding Source” for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work’s System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users’ Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work’s users, your or third parties’ legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program’s source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices

of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a. The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b. The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to “keep intact all notices”.
- c. You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d. If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an “aggregate” if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation’s users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a. Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b. Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c. Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d. Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way

through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

- e. Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A “User Product” is either (1) a “consumer product”, which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, “normally used” refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

“Installation Information” for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

“Additional permissions” are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the

extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a. Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b. Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c. Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d. Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e. Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f. Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered “further restrictions” within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first

time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An “entity transaction” is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party’s predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A “contributor” is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor’s “contributor version”.

A contributor’s “essential patent claims” are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, “control” includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor’s essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a “patent license” is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To “grant” such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of

this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. “Knowingly relying” means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient’s use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is “discriminatory” if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others’ Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License “or any later version” applies to it, you have the option of following the terms and conditions either of that numbered

version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the program's name and a brief idea of what it does.
Copyright (C) year name of author

This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by

the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <http://www.gnu.org/licenses/>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
program Copyright (C) year name of author
This program comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.
```

The hypothetical commands ‘show w’ and ‘show c’ should show the appropriate parts of the General Public License. Of course, your program’s commands might be different; for a GUI interface, you would use an “about box”.

You should also get your employer (if you work as a programmer) or school, if any, to sign a “copyright disclaimer” for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <http://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <http://www.gnu.org/philosophy/why-not-lgpl.html>.

Manuals

Manuals for LilyPond 2.14.1

Introduction

- [\[Text input\]](#), page 18: LilyPond is a **text-based** music engraver. Read this first!
- Section “Learning” in *Learning Manual*: a “must-read” gentle introduction to LilyPond. ([\[Learning\]](#), page 56)
- Section “Glossary” in *Music Glossary*: (*optional reading*) musical terms and translations. ([\[Glossary\]](#), page 57)
- Section “Essay” in *Essay*: (*optional reading*) background information about computer engraving. ([\[Essay\]](#), page 57)

Regular use

- Section “Notation” in *Notation Reference*: syntax reference. ([\[Notation\]](#), page 57)
- Section “Usage” in *Application Usage*: running the programs. ([\[Usage\]](#), page 58)
- Section “Snippets” in *Snippets*: short tricks and tips. ([\[Snippets\]](#), page 58)

Infrequent Use

- [\[FAQ\]](#), page 58: Frequently Asked Questions.
- [\[Top\]](#), page [\[undefined\]](#): this document. ([\[Web\]](#), page 59)
- Section “Changes” in *Changes*: what’s new? ([\[Changes\]](#), page 59)
- Section “Extending” in *Extending*: fancy tweaks. ([\[Extending\]](#), page 59)
- Section “Internals” in *Internals Reference*: tweaks reference. ([\[Internals\]](#), page 60)

Other material

- [\[Translated\]](#), page 60: translation status for non-English readers.
- [\[All\]](#), page 77: downloadable and old manuals.
- [\[Development\]](#), page 89: manuals for the unstable version.
- [\[FDL\]](#), page 77: these manuals are published under the GNU Free Documentation License.

Learning

Learning manual

This book explains how to begin learning LilyPond, as well as explaining some key concepts in easy terms. You should read these chapters in a linear fashion.

There is a paragraph **See also** at the end of each section, which contains cross-references to other sections: you should not follow these cross-references at first reading. When you have read all of the manual, you may want to read some sections again and follow those cross-references for more information.

Read it

- [Learning \(split HTML\)](#) – the manual is split between many HTML pages.
(*small download for each page*)
- [Learning \(big HTML\)](#) – read this manual as one huge HTML page.
(*large single download, 1.5 MB*)
- [learning.pdf](#) – download as a PDF file.
(*large single download, 3 MB*)

Glossary

Glossary

This explains musical terms, and includes translations to various languages. If you are not familiar with music notation or music terminology (especially if you are a non-native English speaker), it is highly advisable to consult the glossary.

Read it

- [Music glossary \(split HTML\)](#) – the manual is split between many HTML pages.
(small download for each page)
- [Music glossary \(big HTML\)](#) – read this manual as one huge HTML page.
(large single download, 1 MB)
- [music-glossary.pdf](#) – download as a PDF file.
(large single download, 1.5 MB)

Essay

Essay

This book gives a brief history of music typography, followed by an examination of LilyPond's engraving techniques. A comparison between LilyPond and other music engraving systems is given.

Note: the detailed typographical examples are easier to analyze in the PDF version due to its higher resolution.

Read it

- [Essay \(split HTML\)](#) – the manual is split between many HTML pages.
(small download for each page)
- [Essay \(big HTML\)](#) – read this manual as one huge HTML page.
(large single download, 2 MB)
- [essay.pdf](#) – download as a PDF file.
(large single download, 2.5 MB)

Notation

Notation reference

This book explains all the LilyPond commands which produce notation.

Note: the Notation reference assumes that the reader knows basic material covered in the Learning manual and is familiar with the English musical terms presented in the glossary.

Read it

- [Notation \(split HTML\)](#) – the manual is split between many HTML pages.
(small download for each page)
- [Notation \(big HTML\)](#) – read this manual as one huge HTML page.
(large single download, 7 MB)

- [notation.pdf](#) – download as a PDF file.
(*large single download, 18 MB*)

Usage

Usage manual

This book explains how to execute the programs, how to integrate LilyPond notation with other programs, and suggests “best practices” for efficient use. It is recommended reading before attempting any large projects.

Read it

- [Usage \(split HTML\)](#) – the manual is split between many HTML pages.
(*small download for each page*)
- [Usage \(big HTML\)](#) – read this manual as one huge HTML page.
(*large single download, 400 KB*)
- [usage.pdf](#) – download as a PDF file.
(*large single download, 600 KB*)

Snippets

Snippets

This shows a selected set of LilyPond snippets from the [LilyPond Snippet Repository](#) (LSR). All the snippets are in the public domain.

Please note that this document is not an exact subset of LSR. LSR is running a stable LilyPond version, so any snippet which demonstrates new features of a development version must be added separately. These are stored in ‘[Documentation/snippets/new/](#)’ in the LilyPond source tree.

The list of snippets for each subsection of the Notation are also linked from the **See also** portion.

Read it

- [Snippets \(split HTML\)](#) – the manual is split between many HTML pages.
(*small download for each page*)
- [Snippets \(big HTML\)](#) – read this manual as one huge HTML page.
(*large single download, 2.5 MB*)
- [snippets.pdf](#) – download as a PDF file.
(*large single download, 8 MB*)

FAQ

Introductory questions

Where are the graphical canvas, menus, and toolbars?

LilyPond requires you to write music as text. Please read about our [\[Text input\]](#), page 18.

There’s a lot of documentation! Do I need to read it?

You need to read the [\[Learning\]](#), page 56. As for the rest of documentation, you only need to read the sections which discuss the notation that you wish to create.

That’s still a lot of reading! Is it worth it?

Please decide for yourself; the reasons why you might want to use LilyPond are given in the [\[Introduction\]](#), page 3.

Usage questions

Something isn’t working! How do I fix it?

This is explained in [Section “Troubleshooting”](#) in *Application Usage*.

Why do you change the syntax?

This is explained in [Section “Why does the syntax change?”](#) in *Application Usage*.

Web

Web

This manual supplies general information about LilyPond. It also contains information about various community forums, bug reporting, and development.

Read it

Latest manual

[\[Top\]](#), page [\[Top\]](#)

Web manual in 2.15.0

- [Web \(split HTML\)](#) – the manual is split between many HTML pages.
(small download for each page)
- [Web \(big HTML\)](#) – read this manual as one huge HTML page.
(large single download, 1 MB)
- [web.pdf](#) – download as a PDF file.
(large single download, 2 MB)

Changes

Changes

This is a summary of important changes and new features in LilyPond since the previous stable version.

Read it

- [Changes \(split HTML\)](#) – the manual is split between many HTML pages.
(small download for each page)
- [Changes \(big HTML\)](#) – read this manual as one huge HTML page.
(large single download, 6 KB)
- [changes.pdf](#) – download as a PDF file.
(large single download, 200 KB)

Extending

Extending LilyPond

This manual explains how to write extensions to LilyPond.

Read it

- [Extending \(split HTML\)](#) – the manual is split between many HTML pages.
(small download for each page)
- [Extending \(big HTML\)](#) – read this manual as one huge HTML page.
(large single download, 200 KB)
- [extending.pdf](#) – download as a PDF file.
(large single download, 400 KB)

Internals

Internals reference

This is a set of heavily cross linked pages which document the nitty-gritty details of each and every LilyPond class, object, and function. It is produced directly from the formatting definitions in the source code.

Almost all formatting functionality that is used internally is available directly to the user. For example, most variables that control thickness values, distances, etc., can be changed in input files. There are a huge number of formatting options, and all of them are described in this document. Each section of the Notation Reference has a **See also** subsection, which refers to the generated documentation.

Read it

- [Internals \(split HTML\)](#) – the manual is split between many HTML pages.
(small download for each page)
- [Internals \(big HTML\)](#) – read this manual as one huge HTML page.
(large single download, 2.5 MB)
- [internals.pdf](#) – download as a PDF file.
(large single download, 2.8 MB)

Translated

Translations status

Last updated Thu Mar 24 14:52:33 UTC 2011

LilyPond Changes

Section titles
(1464)

es

Francisco Vila

translated

up to date

Francisco Vila

translated

up to date

LilyPond — \TITLE\
(1139)

Essay on automated de
music engraving

es

fr

Section titles (92)	Till Paala translated up to date	Francisco Vila translated up to date	Jean-Charles Malahieude translated up to date
LilyPond — \TITLE\ (1139)	Till Paala translated up to date	Francisco Vila translated up to date	Jean-Charles Malahieude translated up to date
1 Music engraving (5297)	Till Paala translated up to date	Francisco Vila translated up to date	Jean-Charles Malahieude John Mandereau Gauvain Pocentek translated up to date
2 Literature list (326)	Till Paala translated up to date	Francisco Vila translated up to date	Jean-Jacques Gerbaud Valentin Villenave Jean-Charles Malahieude partially translated (92 %)
A GNU Free Documen- tation License (3724)	Till Paala not translated up to date	Francisco Vila not translated up to date	partially up to date Jean-Charles Malahieude not translated up to date
Extending LilyPond Section titles (107)	de Till Paala translated up to date	es Francisco Vila translated up to date	

LilyPond — \TITLE\ (1139)	Till Paala	Francisco Vila
	translated	translated
	up to date	up to date
1 Scheme tutorial (5007)	Till Paala	Francisco Vila
	translated	translated
	up to date	up to date
2 Interfaces for programmers (3568)	Till Paala	Francisco Vila
	translated	translated
	up to date	up to date
A GNU Free Documentation Li- cense (3724)	Till Paala	Francisco Vila
	not translated	not translated
	up to date	up to date

LilyPond Learning Manual	cs	de	es	fr	hu	it	ja	nl
Section ti- tles (124)	Pavel Fric	Till Paala	Francisco Vila	John Man- dereau	Harmath Dénes	Federico Bruni	Yoshiki Sawada	Jan Nieuwen- huizen
	translated	translated	translated	Jean- Charles Malahieude	translated	Luca Ros- setto	translated	
	partially up to date	up to date	up to date	translated	partially up to date	Casel	up to date	translated
				up to date		partially trans- lated (93 %)		partially up to date
						partially up to date		

LilyPond — \TITLE\ (1139)	Pavel Fric	Till Paala	Francisco Vila	John Man- dereau	Harmath Dénes	Federico Bruni	Yoshiki Sawada	Jan Nieuwen- huizen
	translated	translated	translated	Jean- Charles Malahieude	translated	Luca Ros- setto	translated	
	partially up to date	up to date	up to date	translated	partially up to date	Casel	up to date	translated
				up to date		partially up to date		partially up to date
1 Tutorial (2535)	Pavel Fric	Till Paala Reinhold	Francisco Vila	Nicolas Grand- claude	Harmath Dénes	Federico Bruni	Yoshiki Sawada	Jan Nieuwen- huizen
	translated	Kain- hofer	translated	Ludovic Sar- dain	partially trans- lated (80 %)	Luca Ros- setto	translated	
	up to date	Hajo Bäß	up to date	Gauvain Pocen- tek	partially up to date	Casel	up to date	translated
		translated		Jean- Charles Malahieude		translated		partially up to date
		up to date				up to date		
				Valentin Vil- lenave				
				John Man- dereau				
				translated				
				up to date				

2	Pavel	Till	Francisco	Nicolas	Harmath	Federico	Yoshiki	Jan
Common	Fric	Paala	Vila	Grand-	Dénes	Bruni	Sawada	Nieuwen-
notation				claude				huizen
(4184)	translated	translated	translated	Ludovic	translated	Luca		
				Sar-		Ros-	translated	
	up to	up to	up to	dain	partially	setto		translated
	date	date	date	Gauvain	up to	Casel	up to	
				Pocen-	date	translated	date	
				tek				partially
				Jean-		up to		up to
				Charles		date		date
				Malahieude				
				Valentin				
				Vil-				
				lenave				
				John				
				Man-				
				dereau				
				translated				
				up to				
				date				
3	Pavel	Till	Francisco	Valentin	Harmath	Federico	Yoshiki	Jan
Funda-	Fric	Paala	Vila	Vil-	Dénes	Bruni	Sawada	Nieuwen-
mental		Reinhold		lenave				huizen
concepts	translated	Kain-	translated	Jean-	translated	Luca		
(11139)		hofer		Charles		Ros-	translated	
				Malahieude	partially	setto		translated
	up to	translated	up to		up to	Casel	up to	
	date		date		date		date	
		up to		John		translated		partially
		date		Man-				up to
				dereau				date
						partially		
				translated		up to		
						date		
				up to				
				date				

B Free Documen- tation License (3724)	GNU Pavel Fric	Till Paala	Francisco Vila	John Man- dereau Jean- Charles Malahieude	Harmath D�enes	Federico Bruni	Yoshiki Sawada	Jan Nieuwen- huizen
	not trans- lated	not trans- lated	not trans- lated	not trans- lated	not trans- lated	Luca Ros- setto Casel	not trans- lated	not trans- lated
	up to date	up to date	up to date	not trans- lated	up to date	not trans- lated	up to date	up to date
				up to date		up to date		

LilyPond Notation Reference	de	es	fr	ja
Section titles (355)	Till Paala translated up to date	Francisco Vila translated up to date	John Man- dereau Jean-Charles Malahieude translated up to date	Yoshiki Sawada translated up to date
LilyPond — \TI- TLE\ (1139)	Till Paala translated up to date	Francisco Vila translated up to date	John Man- dereau Jean-Charles Malahieude translated up to date	Yoshiki Sawada translated up to date
1 Musical notation (91)	Till Paala translated up to date	Francisco Vila translated up to date	John Man- dereau Jean-Charles Malahieude translated partially up to date	Yoshiki Sawada translated up to date

1.1 Pitches (4479)		Till Paala	Francisco Vila	Frédéric Chias- son	Yoshiki Sawada
		translated	translated		translated
		partially up to date	up to date	Valentin Villenave	partially up to date
				Jean-Charles Malahieude	
1.2 Rhythms (6048)				translated	
				partially up to date	
		Till Paala	Francisco Vila	Frédéric Chiasson	Yoshiki Sawada
		translated	translated	Jean-Charles Malahieude	translated
		partially up to date	partially up to date	Valentin Villenave	partially up to date
				Jean-Charles Malahieude	
				translated	
				partially up to date	
1.3 Expressive marks (1726)		Till Paala	Francisco Vila	Valentin Villenave	Yoshiki Sawada
		translated	translated	Jean-Charles Malahieude	translated
		up to date	up to date	Jean-Charles Malahieude	up to date
				John Mandereau	
				translated	
				up to date	

1.4 Repeats (930)	Till Paala	Francisco Vila	Valentin Villenave	Yoshiki Sawada
	translated	translated	Jean-Charles Malahieude	translated
	up to date	up to date	Jean-Charles Malahieude	up to date
			John Mandereau	
1.5 Simultaneous notes (2163)	Till Paala	Francisco Vila	Frédéric Chiasson	Yoshiki Sawada
	translated	translated	Valentin Villenave	not translated
	partially up to date	up to date	Jean-Charles Malahieude	up to date
			Jean-Charles Malahieude	
1.6 Staff notation (2056)	Till Paala	Francisco Vila	John Mandereau	
	translated	translated	translated	
	up to date	up to date	partially up to date	
			Valentin Villenave	Yoshiki Sawada
1.7 Editorial anno- tations (931)	Till Paala	Francisco Vila	Jean-Charles Malahieude	Yoshiki Sawada
	translated	translated		not translated
	partially up to date	up to date	translated	up to date
			partially up to date	

1.8 Text (2716)	Till Paala	Francisco Vila	Jean-Charles Malahieude	Yoshiki Sawada
	translated	translated		not translated
	up to date	up to date	Valentin Villenave	up to date
			John Mandereau	
2 Specialist nota- tion (81)	Till Paala	Francisco Vila	John Man- dereau	Yoshiki Sawada
	translated	translated	Jean-Charles Malahieude	partially trans- lated (2 %)
	up to date	up to date	translated	up to date
			up to date	
2.1 Vocal music (4807)	Till Paala	Francisco Vila	Valentin Villenave	Yoshiki Sawada
	translated	translated	Jean-Charles Malahieude	not translated
	up to date	up to date	Jean-Charles Malahieude	up to date
			Jean-Jacques Gerbaud	
2.2 Keyboard and other multi-staff instruments (838)	Till Paala	Francisco Vila	Valentin Villenave	Yoshiki Sawada
	translated	translated	Jean-Charles Malahieude	not translated
	up to date	up to date	Jean-Charles Malahieude	up to date
			John Mandereau	
			translated	
			up to date	

2.3 Unfretted string instruments (281)	Till Paala	Francisco Vila	Valentin Villenave	Yoshiki Sawada
	translated	translated	Matthieu Jacquot	not translated
	up to date	up to date	Jean-Charles Malahieude	up to date
2.4 Fretted string instruments (2640)	Till Paala	Francisco Vila	John Mandereau	
	translated	translated	translated	
	up to date	up to date	up to date	
2.5 Percussion (806)	Till Paala	Francisco Vila	Matthieu Jacquot	Yoshiki Sawada
	translated	translated	Jean-Charles Malahieude	not translated
	up to date	up to date	translated	up to date
2.6 Wind instruments (312)	Till Paala	Francisco Vila	partially up to date	
	translated	translated	Valentin Villenave	Yoshiki Sawada
	up to date	up to date	Jean-Charles Malahieude	not translated
	Till Paala	Francisco Vila	John Mandereau	up to date
	translated	translated	partially translated (46 %)	
	up to date	up to date	partially up to date	
	Till Paala	Francisco Vila	Valentin Villenave	Yoshiki Sawada
	translated	translated	Jean-Charles Malahieude	not translated
	up to date	up to date	Jean-Charles Malahieude	up to date
	Till Paala	Francisco Vila	John Mandereau	
	translated	translated	translated	
	up to date	up to date	up to date	

2.7 Chord notation (1855)	Till Paala	Francisco Vila	Valentin Villenave	Yoshiki Sawada
			translated	not translated
			Jean-Charles Malahieude	up to date
			John Mandereau	partially translated (48 %)
2.8 Contemporary music (475)	Till Paala	Francisco Vila	partially up to date	John Mandereau
			translated	Yoshiki Sawada
			up to date	not translated
			up to date	up to date
2.9 Ancient notation (4752)	Till Paala	Francisco Vila	not translated	up to date
			up to date	Jean-Charles Malahieude
			translated	Yoshiki Sawada
			up to date	not translated
2.10 World music (1446)	Till Paala	Francisco Vila	partially translated (47 %)	up to date
			up to date	partially up to date
			translated	Jean-Jacques Gerbaud
			up to date	Valentin Villenave
3 General input and output (7069)	Till Paala	Francisco Vila	not translated	Yoshiki Sawada
			up to date	up to date
			Jean-Charles Malahieude	translated
			up to date	partially up to date
			Jean-Charles Malahieude	Yoshiki Sawada
			translated	not translated
			up to date	up to date
			translated	up to date

4 Spacing issues (11017)	Till Paala	Francisco Vila	Frédéric Chiasson	Yoshiki Sawada
			Jean-Charles Malahieude	not translated
	translated	partially translated (96 %)		
	up to date	up to date	translated	up to date
			up to date	
5 Changing defaults (12248)	Till Paala	Francisco Vila	Valentin Villenave	Yoshiki Sawada
			Jean-Charles Malahieude	not translated
	translated	translated		
	up to date	up to date	Gilles Thibault	up to date
			partially translated (31 %)	
			up to date	
A Notation manual tables (1989)	Till Paala	Francisco Vila	Frédéric Chiasson	Yoshiki Sawada
			Jean-Charles Malahieude	not translated
	translated	translated		
	up to date	up to date	partially translated (85 %)	up to date
			up to date	
B Cheat sheet (252)	Till Paala	Francisco Vila	Valentin Villenave	Yoshiki Sawada
			Jean-Charles Malahieude	not translated
	translated	translated		
	up to date	up to date	translated	up to date
			up to date	
C GNU Free Documentation License (3724)	Till Paala	Francisco Vila	John Mandereau	Yoshiki Sawada
			Jean-Charles Malahieude	not translated
	not translated	not translated		
	up to date	up to date	not translated	up to date
			up to date	

Section titles (135)		Till Paala translated up to date	Francisco Vila translated up to date	John Mandereau Jean-Charles Malahieude up to date	Team-hu translated partially up to date	Yoshiki Sawada translated up to date
LilyPond \TITLE\ (1139)	—	Till Paala translated up to date	Francisco Vila translated up to date	John Mandereau Jean-Charles Malahieude translated	Team-hu translated partially up to date	Yoshiki Sawada translated up to date
1 Running lilypond (3622)		Reinhold Kainhofer Till Paala Till Paala translated up to date	Francisco Vila translated up to date	Jean-Charles Malahieude translated up to date	Team-hu partially translated (96 %) partially up to date	Yoshiki Sawada translated up to date
2 Updating files with convert-ly (1189)		Till Paala translated up to date	Francisco Vila translated up to date	Jean-Charles Malahieude translated	Team-hu translated partially up to date	Yoshiki Sawada translated up to date
3 Running lilypond-book (3764)		Reinhold Kainhofer Till Paala translated up to date	Francisco Vila translated up to date	Jean-Charles Malahieude translated	Team-hu not translated up to date	Yoshiki Sawada not translated partially up to date
4 External pro- grams (2170)		Till Paala Reinhold Kainhofer translated up to date	Francisco Vila translated up to date	Jean-Charles Malahieude translated up to date	Team-hu not translated up to date	Yoshiki Sawada translated up to date

5	Suggestions for writing files (2694)	Till Paala translated up to date	Francisco Vila translated up to date	Ludovic Sardain Jean-Charles Malahieude Jean-Yves Baudais Valentin Villenave John Man- dereau Jean- Charles Malahieude translated up to date	Team-hu not translated up to date	Yoshiki Sawada translated up to date
A	GNU Free Documentation License (3724)	Till Paala not translated up to date	Francisco Vila not translated up to date	John Mandereau Jean-Charles Malahieude not translated up to date	Team-hu not translated up to date	Yoshiki Sawada not translated up to date

LilyPond – Music notation for everyone	cs	de	es	fr	hu	it	ja	nl	zh
Section titles (585)	Pavel Fric translated partially up to date	Till Paala translated up to date	Francisco Vila translated up to date	John Man- dereau translated up to date	Harmath Dénes translated up to date	Federico Bruni Luca Ros- setto Casel translated partially up to date	Yoshiki Sawada Yoshinobu Ishizaki translated partially up to date	Jan Nieuwen- huizen Tineke de Munnik partially up to date	Ben Luo translated up to date

LilyPond — \TI- TLE\ (1139)	Pavel Fric	Till Paala	Francisco Vila	John Man- dereau	Harmath Dénes	Federico Bruni	Yoshiki Sawada	Jan Nieuwen- huizen	Ben Luo
	translated	translated	translated	translated	translated	Luca Ros- setto	Yoshinobu Ishizaki		translated
	partially up to date	up to date	up to date	translated up to date	partially up to date	Casel	translated	Tineke de Munnik	up to date
						up to partially up to date	up to date	translated	
								partially up to date	
Introduction (4506)	Pavel Fric	Till Paala	Francisco Vila	Gauvain Pocen- tek	Harmath Dénes	Federico Bruni	Yoshiki Sawada	Jan Nieuwen- huizen	translated
	translated	translated	translated	Jean- Charles Malahieude	translated	Luca Ros- setto	Yoshinobu Ishizaki		
	partially up to date	up to date	up to date	up to date	up to date	Casel	translated	Tineke de Munnik	
				John Man- dereau		translated			
						up to date	up to date	translated	
				Jean- Charles Malahieude				partially up to date	
				translated					
				up to date					

Download (1183)	Pavel Fric	Till Paala	Francisco Vila	Jean- Charles Malahieude	Harmath Dénes	Federico Bruni	Yoshiki Sawada	Jan Nieuwen- huizen	Ben Luo
	translated	translated	translated	translated	translated	Luca		translated	
	partially up to date	up to date	up to date	John Man- dereau	up to date	Ros- setto Casel	translated	Tineke de Munnik	up to date
				Jean- Charles Malahieude		translated	up to date		
				translated				translated	
								partially up to date	
				up to date					
Manuals (1200)	Pavel Fric	Till Paala	Francisco Vila	John Man- dereau	Harmath Dénes	Federico Bruni	Yoshiki Sawada	Jan Nieuwen- huizen	Ben Luo
	translated	translated	translated	translated	translated	Luca		translated	translated
	up to date	up to date	up to date	Jean- Charles Malahieude	up to date	Ros- setto Casel	translated	Tineke de Munnik	up to date
				translated			up to date		
						up to date		translated	
				up to date				partially up to date	
A GNU Free Docu- men- tation License (3724)	Pavel Fric	Till Paala	Francisco Vila	John Man- dereau	Harmath Dénes	Federico Bruni	Yoshiki Sawada	Jan Nieuwen- huizen	Ben Luo
	not trans- lated	not trans- lated	not trans- lated		not trans- lated	Luca	not trans- lated		not trans- lated
	up to date	up to date	up to date	Jean- Charles Malahieude	up to date	Ros- setto Casel	up to date	Tineke de Munnik	up to date
				not trans- lated		not trans- lated		not trans- lated	
				up to date		up to date		up to date	

Community (1755)	Pavel Fric	Till Paala	Francisco Vila	Jean- Charles Malahieude	Harmath Dénes	Federico Bruni	Yoshiki Sawada	Jan Nieuwen- huizen	translated
	translated	translated	translated		translated	Luca			
				John Man- dereau		Ros- setto Casel	translated	Tineke de Munnik	
	partially up to date	up to date	up to date		up to date		up to date		
				Jean- Charles Malahieude		translated			
						partially up to date		not trans- lated	
				translated				up to date	
				up to date					

All

Downloadable versions

Downloadable tarballs only available at <http://lilypond.org>

Previous stable versions

- [LilyPond 2.12 Documentation](#)
- [LilyPond 2.11 Documentation](#)
- [LilyPond 2.10 Documentation](#)
- [LilyPond 2.8 Documentation](#)
- [LilyPond 2.6 Documentation](#)
- [LilyPond 2.4 Documentation](#)
- [LilyPond 2.2 Documentation](#)
- [LilyPond 2.0 Documentation](#)
- [LilyPond 1.8 Documentation](#)
- [LilyPond 1.6 Documentation](#)

FDL

Documentation license

The documentation for GNU LilyPond is published under the GNU Free Documentation License. An introduction to this license, and our reasons for choosing it, is given in [\[Freedom\]](#), page 13.

GNU Free Documentation License 1.1

Version 1.3, 3 November 2008

Copyright © 2000, 2001, 2002, 2007, 2008 Free Software Foundation, Inc.
<http://fsf.org/>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

0. PREAMBLE

The purpose of this License is to make a manual, textbook, or other functional and useful document *free* in the sense of freedom: to assure everyone the effective freedom to copy and redistribute it, with or without modifying it, either commercially or noncommercially. Secondly, this License preserves for the author and publisher a way to get credit for their work, while not being considered responsible for modifications made by others.

This License is a kind of “copyleft”, which means that derivative works of the document must themselves be free in the same sense. It complements the GNU General Public License, which is a copyleft license designed for free software.

We have designed this License in order to use it for manuals for free software, because free software needs free documentation: a free program should come with manuals providing the same freedoms that the software does. But this License is not limited to software manuals; it can be used for any textual work, regardless of subject matter or whether it is published as a printed book. We recommend this License principally for works whose purpose is instruction or reference.

1. APPLICABILITY AND DEFINITIONS

This License applies to any manual or other work, in any medium, that contains a notice placed by the copyright holder saying it can be distributed under the terms of this License. Such a notice grants a world-wide, royalty-free license, unlimited in duration, to use that work under the conditions stated herein. The “Document”, below, refers to any such manual or work. Any member of the public is a licensee, and is addressed as “you”. You accept the license if you copy, modify or distribute the work in a way requiring permission under copyright law.

A “Modified Version” of the Document means any work containing the Document or a portion of it, either copied verbatim, or with modifications and/or translated into another language.

A “Secondary Section” is a named appendix or a front-matter section of the Document that deals exclusively with the relationship of the publishers or authors of the Document to the Document’s overall subject (or to related matters) and contains nothing that could fall directly within that overall subject. (Thus, if the Document is in part a textbook of mathematics, a Secondary Section may not explain any mathematics.) The relationship could be a matter of historical connection with the subject or with related matters, or of legal, commercial, philosophical, ethical or political position regarding them.

The “Invariant Sections” are certain Secondary Sections whose titles are designated, as being those of Invariant Sections, in the notice that says that the Document is released under this License. If a section does not fit the above definition of Secondary then it is not allowed to be designated as Invariant. The Document may contain zero Invariant Sections. If the Document does not identify any Invariant Sections then there are none.

The “Cover Texts” are certain short passages of text that are listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says that the Document is released under this License. A Front-Cover Text may be at most 5 words, and a Back-Cover Text may be at most 25 words.

A “Transparent” copy of the Document means a machine-readable copy, represented in a format whose specification is available to the general public, that is suitable for revising the document straightforwardly with generic text editors or (for images composed of pixels) generic paint programs or (for drawings) some widely available drawing editor, and that is suitable for input to text formatters or for automatic translation to a variety of formats suitable for input to text formatters. A copy made in an otherwise Transparent file format whose markup, or absence of markup, has been arranged to thwart or discourage subsequent

modification by readers is not Transparent. An image format is not Transparent if used for any substantial amount of text. A copy that is not “Transparent” is called “Opaque”.

Examples of suitable formats for Transparent copies include plain ASCII without markup, Texinfo input format, LaTeX input format, SGML or XML using a publicly available DTD, and standard-conforming simple HTML, PostScript or PDF designed for human modification. Examples of transparent image formats include PNG, XCF and JPG. Opaque formats include proprietary formats that can be read and edited only by proprietary word processors, SGML or XML for which the DTD and/or processing tools are not generally available, and the machine-generated HTML, PostScript or PDF produced by some word processors for output purposes only.

The “Title Page” means, for a printed book, the title page itself, plus such following pages as are needed to hold, legibly, the material this License requires to appear in the title page. For works in formats which do not have any title page as such, “Title Page” means the text near the most prominent appearance of the work’s title, preceding the beginning of the body of the text.

The “publisher” means any person or entity that distributes copies of the Document to the public.

A section “Entitled XYZ” means a named subunit of the Document whose title either is precisely XYZ or contains XYZ in parentheses following text that translates XYZ in another language. (Here XYZ stands for a specific section name mentioned below, such as “Acknowledgements”, “Dedications”, “Endorsements”, or “History”.) To “Preserve the Title” of such a section when you modify the Document means that it remains a section “Entitled XYZ” according to this definition.

The Document may include Warranty Disclaimers next to the notice which states that this License applies to the Document. These Warranty Disclaimers are considered to be included by reference in this License, but only as regards disclaiming warranties: any other implication that these Warranty Disclaimers may have is void and has no effect on the meaning of this License.

2. VERBATIM COPYING

You may copy and distribute the Document in any medium, either commercially or noncommercially, provided that this License, the copyright notices, and the license notice saying this License applies to the Document are reproduced in all copies, and that you add no other conditions whatsoever to those of this License. You may not use technical measures to obstruct or control the reading or further copying of the copies you make or distribute. However, you may accept compensation in exchange for copies. If you distribute a large enough number of copies you must also follow the conditions in section 3.

You may also lend copies, under the same conditions stated above, and you may publicly display copies.

3. COPYING IN QUANTITY

If you publish printed copies (or copies in media that commonly have printed covers) of the Document, numbering more than 100, and the Document’s license notice requires Cover Texts, you must enclose the copies in covers that carry, clearly and legibly, all these Cover Texts: Front-Cover Texts on the front cover, and Back-Cover Texts on the back cover. Both covers must also clearly and legibly identify you as the publisher of these copies. The front cover must present the full title with all words of the title equally prominent and visible. You may add other material on the covers in addition. Copying with changes limited to the covers, as long as they preserve the title of the Document and satisfy these conditions, can be treated as verbatim copying in other respects.

If the required texts for either cover are too voluminous to fit legibly, you should put the first ones listed (as many as fit reasonably) on the actual cover, and continue the rest onto adjacent pages.

If you publish or distribute Opaque copies of the Document numbering more than 100, you must either include a machine-readable Transparent copy along with each Opaque copy, or state in or with each Opaque copy a computer-network location from which the general network-using public has access to download using public-standard network protocols a complete Transparent copy of the Document, free of added material. If you use the latter option, you must take reasonably prudent steps, when you begin distribution of Opaque copies in quantity, to ensure that this Transparent copy will remain thus accessible at the stated location until at least one year after the last time you distribute an Opaque copy (directly or through your agents or retailers) of that edition to the public.

It is requested, but not required, that you contact the authors of the Document well before redistributing any large number of copies, to give them a chance to provide you with an updated version of the Document.

4. MODIFICATIONS

You may copy and distribute a Modified Version of the Document under the conditions of sections 2 and 3 above, provided that you release the Modified Version under precisely this License, with the Modified Version filling the role of the Document, thus licensing distribution and modification of the Modified Version to whoever possesses a copy of it. In addition, you must do these things in the Modified Version:

- A. Use in the Title Page (and on the covers, if any) a title distinct from that of the Document, and from those of previous versions (which should, if there were any, be listed in the History section of the Document). You may use the same title as a previous version if the original publisher of that version gives permission.
- B. List on the Title Page, as authors, one or more persons or entities responsible for authorship of the modifications in the Modified Version, together with at least five of the principal authors of the Document (all of its principal authors, if it has fewer than five), unless they release you from this requirement.
- C. State on the Title page the name of the publisher of the Modified Version, as the publisher.
- D. Preserve all the copyright notices of the Document.
- E. Add an appropriate copyright notice for your modifications adjacent to the other copyright notices.
- F. Include, immediately after the copyright notices, a license notice giving the public permission to use the Modified Version under the terms of this License, in the form shown in the Addendum below.
- G. Preserve in that license notice the full lists of Invariant Sections and required Cover Texts given in the Document's license notice.
- H. Include an unaltered copy of this License.
- I. Preserve the section Entitled "History", Preserve its Title, and add to it an item stating at least the title, year, new authors, and publisher of the Modified Version as given on the Title Page. If there is no section Entitled "History" in the Document, create one stating the title, year, authors, and publisher of the Document as given on its Title Page, then add an item describing the Modified Version as stated in the previous sentence.
- J. Preserve the network location, if any, given in the Document for public access to a Transparent copy of the Document, and likewise the network locations given in the Document for previous versions it was based on. These may be placed in the "History"

section. You may omit a network location for a work that was published at least four years before the Document itself, or if the original publisher of the version it refers to gives permission.

- K. For any section Entitled “Acknowledgements” or “Dedications”, Preserve the Title of the section, and preserve in the section all the substance and tone of each of the contributor acknowledgements and/or dedications given therein.
- L. Preserve all the Invariant Sections of the Document, unaltered in their text and in their titles. Section numbers or the equivalent are not considered part of the section titles.
- M. Delete any section Entitled “Endorsements”. Such a section may not be included in the Modified Version.
- N. Do not retitle any existing section to be Entitled “Endorsements” or to conflict in title with any Invariant Section.
- O. Preserve any Warranty Disclaimers.

If the Modified Version includes new front-matter sections or appendices that qualify as Secondary Sections and contain no material copied from the Document, you may at your option designate some or all of these sections as invariant. To do this, add their titles to the list of Invariant Sections in the Modified Version’s license notice. These titles must be distinct from any other section titles.

You may add a section Entitled “Endorsements”, provided it contains nothing but endorsements of your Modified Version by various parties—for example, statements of peer review or that the text has been approved by an organization as the authoritative definition of a standard.

You may add a passage of up to five words as a Front-Cover Text, and a passage of up to 25 words as a Back-Cover Text, to the end of the list of Cover Texts in the Modified Version. Only one passage of Front-Cover Text and one of Back-Cover Text may be added by (or through arrangements made by) any one entity. If the Document already includes a cover text for the same cover, previously added by you or by arrangement made by the same entity you are acting on behalf of, you may not add another; but you may replace the old one, on explicit permission from the previous publisher that added the old one.

The author(s) and publisher(s) of the Document do not by this License give permission to use their names for publicity for or to assert or imply endorsement of any Modified Version.

5. COMBINING DOCUMENTS

You may combine the Document with other documents released under this License, under the terms defined in section 4 above for modified versions, provided that you include in the combination all of the Invariant Sections of all of the original documents, unmodified, and list them all as Invariant Sections of your combined work in its license notice, and that you preserve all their Warranty Disclaimers.

The combined work need only contain one copy of this License, and multiple identical Invariant Sections may be replaced with a single copy. If there are multiple Invariant Sections with the same name but different contents, make the title of each such section unique by adding at the end of it, in parentheses, the name of the original author or publisher of that section if known, or else a unique number. Make the same adjustment to the section titles in the list of Invariant Sections in the license notice of the combined work.

In the combination, you must combine any sections Entitled “History” in the various original documents, forming one section Entitled “History”; likewise combine any sections Entitled “Acknowledgements”, and any sections Entitled “Dedications”. You must delete all sections Entitled “Endorsements.”

6. COLLECTIONS OF DOCUMENTS

You may make a collection consisting of the Document and other documents released under this License, and replace the individual copies of this License in the various documents with a single copy that is included in the collection, provided that you follow the rules of this License for verbatim copying of each of the documents in all other respects.

You may extract a single document from such a collection, and distribute it individually under this License, provided you insert a copy of this License into the extracted document, and follow this License in all other respects regarding verbatim copying of that document.

7. AGGREGATION WITH INDEPENDENT WORKS

A compilation of the Document or its derivatives with other separate and independent documents or works, in or on a volume of a storage or distribution medium, is called an “aggregate” if the copyright resulting from the compilation is not used to limit the legal rights of the compilation’s users beyond what the individual works permit. When the Document is included in an aggregate, this License does not apply to the other works in the aggregate which are not themselves derivative works of the Document.

If the Cover Text requirement of section 3 is applicable to these copies of the Document, then if the Document is less than one half of the entire aggregate, the Document’s Cover Texts may be placed on covers that bracket the Document within the aggregate, or the electronic equivalent of covers if the Document is in electronic form. Otherwise they must appear on printed covers that bracket the whole aggregate.

8. TRANSLATION

Translation is considered a kind of modification, so you may distribute translations of the Document under the terms of section 4. Replacing Invariant Sections with translations requires special permission from their copyright holders, but you may include translations of some or all Invariant Sections in addition to the original versions of these Invariant Sections. You may include a translation of this License, and all the license notices in the Document, and any Warranty Disclaimers, provided that you also include the original English version of this License and the original versions of those notices and disclaimers. In case of a disagreement between the translation and the original version of this License or a notice or disclaimer, the original version will prevail.

If a section in the Document is Entitled “Acknowledgements”, “Dedications”, or “History”, the requirement (section 4) to Preserve its Title (section 1) will typically require changing the actual title.

9. TERMINATION

You may not copy, modify, sublicense, or distribute the Document except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, or distribute it is void, and will automatically terminate your rights under this License.

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, receipt of a copy of some or all of the same material does not give you any rights to use it.

10. FUTURE REVISIONS OF THIS LICENSE

The Free Software Foundation may publish new, revised versions of the GNU Free Documentation License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. See <http://www.gnu.org/copyleft/>.

Each version of the License is given a distinguishing version number. If the Document specifies that a particular numbered version of this License “or any later version” applies to it, you have the option of following the terms and conditions either of that specified version or of any later version that has been published (not as a draft) by the Free Software Foundation. If the Document does not specify a version number of this License, you may choose any version ever published (not as a draft) by the Free Software Foundation. If the Document specifies that a proxy can decide which future versions of this License can be used, that proxy’s public statement of acceptance of a version permanently authorizes you to choose that version for the Document.

11. RELICENSING

“Massive Multiauthor Collaboration Site” (or “MMC Site”) means any World Wide Web server that publishes copyrightable works and also provides prominent facilities for anybody to edit those works. A public wiki that anybody can edit is an example of such a server. A “Massive Multiauthor Collaboration” (or “MMC”) contained in the site means any set of copyrightable works thus published on the MMC site.

“CC-BY-SA” means the Creative Commons Attribution-Share Alike 3.0 license published by Creative Commons Corporation, a not-for-profit corporation with a principal place of business in San Francisco, California, as well as future copyleft versions of that license published by that same organization.

“Incorporate” means to publish or republish a Document, in whole or in part, as part of another Document.

An MMC is “eligible for relicensing” if it is licensed under this License, and if all works that were first published under this License somewhere other than this MMC, and subsequently incorporated in whole or in part into the MMC, (1) had no cover texts or invariant sections, and (2) were thus incorporated prior to November 1, 2008.

The operator of an MMC Site may republish an MMC contained in the site under CC-BY-SA on the same site at any time before August 1, 2009, provided the MMC is eligible for relicensing.

ADDENDUM: How to use this License for your documents

To use this License in a document you have written, include a copy of the License in the document and put the following copyright and license notices just after the title page:

```
Copyright (C)  year  your name.
Permission is granted to copy, distribute and/or modify this document
under the terms of the GNU Free Documentation License, Version 1.3
or any later version published by the Free Software Foundation;
with no Invariant Sections, no Front-Cover Texts, and no Back-Cover
Texts.  A copy of the license is included in the section entitled ``GNU
Free Documentation License''.
```

If you have Invariant Sections, Front-Cover Texts and Back-Cover Texts, replace the “with...Texts.” line with this:

```
with the Invariant Sections being list their titles, with
the Front-Cover Texts being list, and with the Back-Cover Texts
being list.
```

If you have Invariant Sections without Cover Texts, or some other combination of the three, merge those two alternatives to suit the situation.

If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the GNU General Public License, to permit their use in free software.

Community

Interacting with the community

- [\[Contact\]](#), page 85: get help, discuss, and keep in touch!
- [\[Tiny examples\]](#), page 86: these are *highly* recommended when discussing LilyPond.
- [\[Bug reports\]](#), page 87: something went wrong.

Making LilyPond better

- [\[Help us\]](#), page 88: your assistance is requested.
- [\[Development\]](#), page 89: for contributors and testers.
- [\[Authors\]](#), page 91: the people who made LilyPond what it is today.

Miscellaneous

- [\[Publications\]](#), page 93: what we wrote, and have had written about us.
- [\[Old news\]](#), page 94: an archive.

Contact

User Discussions and Help

User mailing list: lilypond-user@gnu.org

This mailing list is the main place for users to discuss and help each other.

[lilypond-user subscribe and info](#)

[user archive1](#) [archive2](#) [archive3](#)

[send to lilypond-user with gmane](#)

Note: When asking questions, please use [\[Tiny examples\]](#), page 86!

LilyPond Snippet Repository

The LilyPond Snippet Repository is a large collection of user-submitted examples, which can freely be copied and used in your own works. See what other people have written, and add your own!

<http://lsr.dsi.unimi.it>

Particularly instructive examples from LSR are included in our official documentation, in [\[Snippets\]](#), page 58.

IRC

Some level of support is provided on our IRC channel,

[#lilypond@irc.freenode.net](#)

This channel has no public archive, so any question that may be useful for others would better be posted to one of the mailing lists.

Other languages

[Spanish mailing list](#)

[German forum](#)

[Portuguese group](#)

[French mailing list](#)

[Dutch forum](#)

Stay Informed

LilyPond Report

The easiest way to keep touch is by reading our community newsletter, the LilyPond Report:

<http://news.lilynet.net>

Releases mailing list: info-lilypond@gnu.org

This mailing list is a low-volume, read-only list which receives notifications of new releases.

[info-lilypond subscribe and info](#)

[info archive1](#) [archive2](#) [archive3](#)

Developer Discussion

Developer mailing list: lilypond-devel@gnu.org

Most developer discussion takes place on this list. Patches should be sent here.

[lilypond-devel subscribe and info](#)

[devel archive1](#) [archive2](#) [archive3](#)

[send to lilypond-devel with gmane](#)

Bug mailing list: bug-lilypond@gnu.org

Bug-specific discussion takes place here.

[bug-lilypond subscribe and info](#)

[bug archive1](#) [archive2](#) [archive3](#)

Note: Before sending a message to the bug list, please read our guidelines for [\[Bug reports\]](#), page 87.

Tiny examples

What are “Tiny examples”?

A tiny example is an example from which nothing can be removed.

Why create them?

- The simpler the example is, the quicker potential helpers can understand it and help you.
- A simple example demonstrates that you have put effort towards solving the problem yourself. When people send huge portions of input, it looks like they don't care how if we help them or not.
- Creating a tiny example forces you to understand what is happening. Many false problem reports can be avoided by attempting to create a tiny example; if you cannot replicate a “bug” in a tiny example, then the problem was probably an insufficient understanding of LilyPond, not an actual bug!

How do I create them?

- Include the `\version` number.
- Make it small! Examples about spacing or page layout might require many bars of music, but most issues can be reproduced using only a single measure.
- When trying to create an example, try commenting out (`%` or `%{ ... %}`) sections of your file. If you can comment something while still demonstrating the main idea, then remove the commented-material!
- Avoid using complicated notes, keys, or time signatures, unless the bug is about the behavior of those items.
- Do not use `\override` or `\set` commands unless the bug is about those particular commands.

Bug reports

Step 1: Known bugs

If you have input that results in a crash or an erroneous output, then that is a bug. There is a list of current bugs on our google bug tracker,

<http://code.google.com/p/lilypond/issues/list>

Note: Please **DO NOT** add bug reports directly to the bug tracker. Once an issue has been added to the tracker, feel free to add more information to that report.

Step 2: Creating a bug report

If you have discovered a bug which is not listed, please help us by creating a bug report.

Note: We only accept bug reports in the form of [\[Tiny examples\]](#), [page 86](#). We have very limited resources to deal with bug reports, so any non-minimal example will be rejected. Almost every bug can be demonstrated in four notes or less!

Here is an example of a good bug report:

```
% Accidentals should be printed for only
% the first note in a tie, but this version
% prints flats on both notes.
\version "2.10.1"

\relative c'' {
  bes1 ~
  bes1
}
```

Step 3: Sending a bug report

Once you have verified that the issue is not already known and created a bug report, please send it to us!

- If you are subscribed to the bug-lilypond@gnu.org mailing list, send an email like normal.
- If you are not subscribed, you can still post a bug report with the [gmane lilypond.bugs web interface](http://lilypond.gnu.org/bugs).

However, there is a strict “no top-posting” check on the gmane interface, which is often incorrectly triggered by lilypond files. To avoid this, please add:

> I'm not top posting.

(you *must* include the >) to the top of your bug report.

Step 4: Wait for a response

Once your bug has been sent to the list, our Bug Squad will examine the report. Please allow up to 24 hours, as we have a limited number of volunteers for this task. They may ask you for more information, or may add the report to the tracker and let you know what the issue number is.

You may mark the bug so that you automatically receive emails when any activity on the bug occurs. This requires you have a google account.

Optional help: show the desired behavior

Once an issue has been added to the tracker, it can be very helpful if we can see the desired output. Feel free to add input code and/or images (possibly created with other tools) which demonstrate what you think it should look like!

Help us

We need you!

The LilyPond development team is quite small; we really want to get more people involved. Please consider helping your fellow LilyPond users by contributing!

Even working on small tasks can have a big impact: taking care of them allows experienced developers work on advanced tasks, instead of spending time on those simple tasks.

Simple tasks

No source code or compiling required!

- Mailing list support: answer questions from fellow users.
- Bug reporting: help users create proper [Section “Bug reports” in *General Information*](#), and/or join the Bug Squad to organize [Section “Issues” in *Contributor’s Guide*](#).
- Documentation: small changes can be proposed by following the guidelines for [Section “Documentation suggestions” in *Contributor’s Guide*](#).
- LilyPond Snippet Repository (LSR): create and fix snippets following the guidelines in [Section “Adding and editing snippets” in *Contributor’s Guide*](#).
- Discussions, reviews, and testing: the developers often ask for feedback about new documentation, potential syntax changes, and testing new features. Please contribute to these discussions!

Advanced tasks

These jobs generally require that you have the source code and can compile LilyPond.

Note: We suggest that contributors using Windows or MacOS X do **not** attempt to set up their own development environment; instead, use Lilydev as discussed in [Section “Quick start” in *Contributor’s Guide*](#).

Contributors using Linux or FreeBSD may also use Lilydev, but if they prefer their own development environment, they should read [Section “Working with source code” in *Contributor’s Guide*](#), and [Section “Compiling” in *Contributor’s Guide*](#).

- Documentation: for large changes, see [Section “Documentation work” in *Contributor’s Guide*](#).
- Website: the website is built from the normal documentation source. See the info about documentation, and also [Section “Website work” in *Contributor’s Guide*](#).
- Translations: see [Section “Translating the documentation” in *Contributor’s Guide*](#), and [Section “Translating the website” in *Contributor’s Guide*](#).
- Bugfixes or new features: the best way to begin is to join the Frogs, and read [Section “Programming work” in *Contributor’s Guide*](#).

Projects

Frogs

Website and mailing list:

<http://frogs.lilynet.net>

The Frogs are ordinary LilyPond users who have chosen to get involved in their favorite software’s development. Fixing bugs, implementing new features, documenting the source code: there’s a lot to be done, but most importantly: this is a chance for everyone to learn more about LilyPond, about Free Software, about programming... and to have fun. If you’re curious about any of it, then the word is: *Join the Frogs!*

Grand LilyPond Input Syntax Standardization

Website: [Section “Grand LilyPond Input Syntax Standardization \(GLISS\)” in *Contributor’s Guide*](#).

GLISS will stabilize the (non-tweak) input syntax for the upcoming LilyPond 3.0. After updating to 3.0, the input syntax for untweaked music will remain stable for the foreseeable future.

We will have an extensive discussion period to determine the final input specification.

Note: GLISS will start shortly after 2.14 is released.

Grand Organizing Project

Website: [Section “Grand Organization Project \(GOP\)” in *Contributor’s Guide*](#).

GOP will be our big recruiting drive for new contributors. We desperately need to spread the development duties (including “simple tasks” which require no programming or interaction with source code!) over more people. We also need to document knowledge from existing developers so that it does not get lost.

Unlike most “Grand Projects”, GOP is not about adding huge new features or completely redesigning things. Rather, it is aimed at giving us a much more stable foundation so that we can move ahead with larger tasks in the future.

Note: GOP will start shortly after the 2.14 release.

Development

Development for LilyPond 2.14.1

Note: These are *unstable development* versions. If you have the slightest doubt about how to use or install LilyPond, we urge you to use the [\[Download\]](#), page 29, and read the [\[Manuals\]](#), page 56.

Release numbers

There are two sets of releases for LilyPond: stable releases, and unstable development releases. Stable versions have an even-numbered ‘minor’ version number (e.g., 2.8, 2.10, 2.12). Development versions have an odd-numbered ‘minor’ version number (e.g., 2.7, 2.9, 2.11).

Download

Instructions for git and compiling are in the Contributor’s Guide.

[lilypond git repository](#)

Documentation writers and testers will generally want to download the latest binary:

[Linux x86: LilyPond 2.15.0-1](#)

[Linux 64: LilyPond 2.15.0-1](#)

[Linux PPC: LilyPond 2.15.0-1](#)

[FreeBSD i386: LilyPond 2.15.0-1](#)

[FreeBSD amd64: LilyPond 2.15.0-1](#)

[MacOS X x86: LilyPond 2.15.0-1](#)

[MacOS X PPC: LilyPond 2.15.0-1](#)

[Windows: LilyPond 2.15.0-1](#)

[Source: lilypond-2.15.0.tar.gz](#)

Contributor’s Guide

LilyPond development is a fairly complicated matter. In order to help new contributors, and to keep the whole system (mostly) stable, we have written a manual for development tasks.

- [Contributor’s Guide \(split HTML\)](#) – the manual is split between many HTML pages.
(small download for each page)
- [Contributor’s Guide \(big HTML\)](#) – read this manual as one huge HTML page.
(large single download, 500 kB)
- [contributor.pdf](#) – download as a PDF file.
(large single download, 2.8 MB)

Regression tests

- [Regression tests](#): This release’s regtests. ([pdf version](#))
- [MusicXML tests](#): This release’s musicXML tests. ([pdf version](#))
- [abc2ly tests](#): This release’s abc2ly tests. ([pdf version](#))
- [lilypond-book tests](#): This release’s lilypond-book tests. ([pdf version](#))

All versions

- [Comparisons between regression tests](#)
- [Archive of all regression tests](#)

Manuals

Note: These manuals are for LilyPond 2.14.1; the latest manuals can be found at <http://lilypond.org>

Introduction

Learning (split HTML)	Learning (big HTML)	learning.pdf
Glossary (split HTML)	Glossary (big HTML)	music-glossary.pdf
Essay (split HTML)	Essay (big HTML)	essay.pdf

Regular

Notation (split HTML)	Notation (big HTML)	notation.pdf
Usage (split HTML)	Usage (big HTML)	usage.pdf
Snippets (split HTML)	Snippets (big HTML)	snippets.pdf

Infrequent

Web (split HTML)	Web (big HTML)	web.pdf
Changes (split HTML)	Changes (big HTML)	changes.pdf
Extending (split HTML)	Extending (big HTML)	extending.pdf
Internals (split HTML)	Internals (big HTML)	internals.pdf

Authors

Current Development Team

- Trevor Daniels: t.daniels@treda.co.uk, Assistant documentation editor
- Reinhold Kainhofer: reinhold@kainhofer.com, <http://reinhold.kainhofer.com>, Core developer, Music2xml wrangler
- David Kastrup: dak@gnu.org Code worrier, support fighter, accordionist
- Jonathan Kulp: Assistant documentation editor
- Werner Lemberg, w1@gnu.org, Fonts, bug squasher
- John Mandereau: john.mandereau@free.fr, Translations
- Patrick McCarty: SVG guru, bug squad member, bug squasher, text handling
- Joe Neeman: Core developer
- Han-Wen Nienhuys: hanwen@xs4all.nl, <http://www.xs4all.nl/~hanwen/>, Main author
- Jan Nieuwenhuizen: janneke@gnu.org, <http://JoyofSource.com>, <http://AvatarAcademy.nl>, Main author
- Graham Percival: <http://percival-music.ca>, Project manager, Documentation Editor
- Mark Polesky: Assistant documentation editor, Code cleanup

- Neil Puttock: Core developer
- Mike Solomon: mike@apollinemike.com, Contemporary music attaché
- Carl Sorensen: c_sorensen@byu.edu, Core developer, Frog meister
- Francisco Vila: Translation Meister
- Valentin Villenave: LSR editor and Bug squad member

Previous Development Team

- Mats Bengtsson: mats.bengtsson@ee.kth.se, <http://www.s3.kth.se/~mabe/>, Support guru
- Pedro Kroeger: Build meister
- John Mandereau: john.mandereau@free.fr, Translation meister
- Graham Percival: <http://percival-music.ca>, Bug meister, Grand Documentation Project leader
- Jürgen Reuter: reuter_j@web.de, <http://www.juergen-reuter.de>, Ancient notation
- Erik Sandberg: Bug meister
- Nicolas Sceaux: Core developer, Schemer extraordinaire

Current Contributors

Programming

Sven Axelsson, Pál Benkő, Bertrand Bordage, Frédéric Bron, Peter Chubb, Hajo Dezelski, Richard Gay, Keith OHara, Andrew Hawryluk, Christian Hitz, Marc Hohl, Henning Hraban Ramm, Ian Hulin, Michael Käßler, Marek Klein, Kieren MacMillan, Thomas Morgan, Benjamin Peterson, Nathan Reed, Julien Rioux, Boris Shingarov, Patrick Schmidt, Owen Tuz, Jan Warchol, Andrew Wilson, Rodolfo Zitellini

Font

Keith OHara, Marc Hohl, Alexander Kobel, Carsten Steger

Documentation

Colin Campbell, Andrew Hawryluk, James Lowe, Mike Moral, Ralph Palmer, David Pounder, Patrick Schmidt

Bug squad

James E. Bailey, Colin Campbell, Phil Holmes, Urs Liska, Ralph Palmer, Kieren MacMillan, Dmytro O. Redchuk

Support

Christian Hitz

Translation

Federico Bruni, Dénes Harmath, Jean-Charles Malahieude, Tineke de Munnik, Till Paala, Ralf Wildenhues, Yoshiki Sawada

Previous Contributors

Programming

Erlend Aasland, Maximilian Albert, Guido Amoruso, Kristof Bastiaensen, Pál Benkő, Juliusz Chroboczek, Angelo Contardi, David Feuer, Bertalan Fodor, Mathieu Giraud, Yuval Harel,

Bernard Hurley, Yoshinobu Ishizaki, Chris Jackson, David Jedlinsky, Heikki Junes, Michael Krause, Jean-Baptiste Lamy, Jonatan Liljedahl, Peter Lutek, Hendrik Maryns, Joe Neeman, Matthias Neeracher, Tatsuya Ono, Lisa Opus Goldstein, Guy Gascoigne-Piggford, Stan Sander-son, Edward Sanford Sutton, Andreas Scherer, Johannes Schindelin, Kim Shrier, Vicente Solsona Della, David Svoboda, Sebastiano Vigna, Arno Waschke, Michael Welsh Duggan, John Williams, Milan Zamazal, Rune Zedeler

Font

Tom Cato Amundsen, Chris Jackson, Arno Waschke, Rune Zedeler

Documentation

Erlend Aasland, Trevor Bača, Alard de Boer, Jay Hamilton, Andrew Hawryluk, Joseph Harfouch, Cameron Horsburgh, Geoff Horton, Ian Hulin, Heikki Junes, Kurtis Kroon, Dave Luttinen, Kieren MacMillan, Christian Mondrup, Eyolf Østrem, Ralph Palmer, François Pinard, Eduardo Vieira, Michael Rasmussen, Till Rettig, Carl D. Sorensen, Anh Hai Trinh, Rune Zedeler

Support

Anthony Fok, Chris Jackson, Heikki Junes, David Svoboda

Translation

Frédéric Chiasson, Abel Cheung, Alard de Boer, Simon Dahlbacka, Orm Finnendahl, David González, Nicolas Grandclaude, Damien Heurtebise, Matthieu Jacquot, Bjoern Jacke, Neil Jeram, Heikki Junes, Nicolas Klutchnikoff, Jean-Charles Malahieude, Adrian Mariano, Christian Mondrup, Tineke de Munnik, Steven Michael Murphy, François Pinard, Gauvain Pocentek, Till Rettig, Ludovic Sardain, Yoshiki Sawada, Thomas Scharkowski, Clytie Siddall, August S. Sigov, Roland Stigge, Risto Vääräniemi, Andrea Valle, Olcay Yıldırım

Publications

What we wrote about LilyPond

- Han Wen Nienhuys and Jan Nieuwenhuizen. **LilyPond, a system for automated music engraving**. In *Colloquium on Musical Informatics (XIV CIM 2003)*, May 2003. ([PDF 95k](#)).
- Han Wen Nienhuys. **LilyPond, Automated music formatting and the Art of Shipping**. In *Forum Internacional Software Livre 2006 (FISL7.0)*, 2006. ([PDF 1095k](#)).
- Erik Sandberg. **Separating input language and formatter in GNU LilyPond**. Master's thesis, Uppsala University, Department of Information Technology, March 2006. ([PDF 750k](#)).

What people did with LilyPond

- Kevin C. Baird. **Real-time generation of music notation via audience interaction using python and GNU LilyPond**. In *New Interfaces for Music Expression*, May 2005.
- Alexandre Tachard Passos, Marcos Sampaio, Pedro Kröger, and Givaldo de Cidra. **Functional Harmonic Analysis and Computational Musicology in Rameau**. In *Proceedings of the 12th Brazilian Symposium on Computer Music*, pages 207–210, 2009.
- Graham Percival, Tosten Anders, and George Tzanetakis. **Generating Targeted Rhythmic Exercises for Music Students with Constraint Satisfaction Programming**. In *International Computer Music Conference*, 2008.
- Alberto Simões, Anália Lourenço, and José João Almeida. (J. Neves et al., editor). **Using Text Mining Techniques for Classical Music Scores Analysis**. In *New Trends in Artificial Intelligence*, 2007.

If you are aware of any other academic papers which could be listed here, please let us know by following the instructions on [\[Bug reports\]](#), page 87.

Old news

LilyPond 2.14.1 released! *June 12, 2011*

We are happy to announce the release of LilyPond 2.14.1. This fixes a few minor bugs in the stable version, and should cause no problems. We recommend that everybody upgrade to this version.

LilyPond 2.15.1 released! *June 11, 2011*

We are happy to announce the release of LilyPond 2.15.1. This is the beginning of a new unstable development effort, and adds the usual number of bugs.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

LilyPond 2.15.0 released! *June 7, 2011*

We are happy to announce the release of LilyPond 2.15.0. This is the beginning of a new unstable development effort, and adds the usual number of bugs.

It is strongly recommended that normal users do **not** use this release, and instead use the stable 2.14 version.

LilyPond 2.14.0 released! *June 6, 2011*

We are proud to announce the release of GNU LilyPond 2.14. LilyPond is a music engraving program, devoted to producing the highest-quality sheet music possible. It brings the aesthetics of traditionally engraved music to computer printouts.

Many improvements have been made in the past two and a half years since the previous main stable version. A few major improvements are:

- LilyPond is now licensed under the GNU GPL v3 or higher.
- The vertical spacing engine has been drastically changed, making it much more flexible and easier to control.
- Automatic beaming is now more flexible, and beam collisions are avoided.

A full list of new features is given in:

<http://lilypond.org/doc/v2.13/Documentation/changes/index.html>

Happy music typesetting! LilyPond 2.14 was brought to you by...

Main development team:

Trevor Daniels, Reinhold Kainhofer, David Kastrup, Jonathan Kulp, Werner Lemberg, John Mandereau, Patrick McCarty, Joe Neeman, Han-Wen Nienhuys, Jan Nieuwenhuizen, Graham Percival, Mark Polesky, Neil Puttock, Mike Solomon, Carl Sorensen, Francisco Vila, Valentin Villenave.

Programming contributors:

Sven Axelsson, Pál Benkő, Bertrand Bordage, Frédéric Bron, Peter Chubb, Hajo Dezelski, Richard Gay, Keith OHara, Andrew Hawryluk, Christian Hitz, Marc Hohl, Henning Hraban Ramm, Ian Hulin, Michael Kämpfer, Marek Klein, Kieren MacMillan, Thomas Morgan, Benjamin Peterson, Nathan Reed, Julien Rioux, Boris Shingarov, Patrick Schmidt, Owen Tuz, Jan Warchol, Andrew Wilson, Rodolfo Zitellini.

Font contributors:

Keith OHara, Marc Hohl, Alexander Kobel, Carsten Steger.

Documentation contributors:

Colin Campbell, Andrew Hawryluk, James Lowe, Mike Moral, Ralph Palmer, David Pounder, Patrick Schmidt.

Bug squad:

James E. Bailey, Colin Campbell, Phil Holmes, Urs Liska, Ralph Palmer, Kieren MacMillan, Dmytro O. Redchuk.

Binaries support contributors:

Christian Hitz.

Translation contributors:

Federico Bruni, Dénes Harmath, Jean-Charles Malahieude, Tineke de Munnik, Till Paala, Ralf Wildenhues, Yoshiki Sawada.

Release candidate 7 of 2.14 - LilyPond 2.13.63 released! *May 30, 2011*

LilyPond 2.13.63 is out; this is the seventh release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), page 89.

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on June 6, 2011. If you discover any problems, please send us [\[Bug reports\]](#), page 87.

LilyPond 2.13.62 released! *May 24, 2011*

We are happy to announce the release of LilyPond 2.13.62. This release contains the usual number of bugfixes.

Please note that this is **not** the next release candidate, due to a few remaining Critical bugs.

LilyPond 2.13.61 released! *May 1, 2011*

We are happy to announce the release of LilyPond 2.13.61. This release contains the usual number of bugfixes.

Please note that this is **not** the next release candidate, due to a few remaining Critical bugs.

LilyPond 2.13.60 released! *April 16, 2011*

We are happy to announce the release of LilyPond 2.13.60. This release contains the usual number of bugfixes.

Please note that this is **not** the next release candidate, due to a few remaining Critical bugs.

Linux Journal Magazine article - *April 2011*

[Linux Magazine](#) publishes an article in the May 2011 issue titled [Projects on the Move](#). It is an introduction to MuseScore, LilyPond and Chordii. Author Carla Schroder states “LilyPond is driven from the command line, but don’t let the lack of a GUI scare you away; LilyPond is user-friendly and easy to learn”, and provides a hands-on example.

LilyPond 2.13.59 released! *April 10, 2011*

We are happy to announce the release of LilyPond 2.13.59. This release contains the usual number of bugfixes.

Please note that this is **not** the next release candidate, due to a few remaining Critical bugs.

Release candidate 6 of 2.14 - LilyPond 2.13.58 released! *April 7, 2011*

LilyPond 2.13.58 is out; this is the sixth release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), [page 89](#).

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on April 14, 2011. If you discover any problems, please send us [\[Bug reports\]](#), [page 87](#).

Release candidate 5 of 2.14 - LilyPond 2.13.57 released! *April 3, 2011*

LilyPond 2.13.57 is out; this is the fifth release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), [page 89](#).

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on April 10, 2011. If you discover any problems, please send us [\[Bug reports\]](#), [page 87](#).

Release candidate 4 of 2.14 - LilyPond 2.13.56 released! *Mar 29, 2011*

LilyPond 2.13.56 is out; this is the fourth release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), [page 89](#).

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on April 5, 2011. If you discover any problems, please send us [\[Bug reports\]](#), [page 87](#).

LilyPond 2.13.55 released! *Mar 22, 2011*

We are happy to announce the release of LilyPond 2.13.55. This release contains the usual number of bugfixes.

Please note that this is **not** the fourth release candidate, due to a few remaining Critical bugs.

Release candidate 3 withdrawn *Mar 15, 2011*

We have discovered a regression since 2.12.3, so lilypond 2.13.54 is no longer a candidate for the 2.14.0 release. However, please continue testing it – we would like to discover (and fix!) any more regressions as soon as possible. If you discover any problems, please send us [\[Bug reports\]](#), [page 87](#).

Release candidate 3 of 2.14 - LilyPond 2.13.54 released! *Mar 13, 2011*

LilyPond 2.13.54 is out; this is the third release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), [page 89](#).

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on March 27, 2011. If you discover any problems, please send us [\[Bug reports\]](#), [page 87](#).

LilyPond 2.13.53 released! *Mar 6, 2011*

We are happy to announce the release of LilyPond 2.13.53. This release contains the usual number of bugfixes.

Please note that this is **not** the third release candidate, due to a few remaining Critical bugs.

LilyPond 2.13.52 released! *Mar 1, 2011*

We are happy to announce the release of LilyPond 2.13.52. This release contains the usual number of bugfixes.

Please note that this is **not** the third release candidate, due to a few remaining Critical bugs.

LilyPond 2.13.51 released! *Feb 22, 2011*

We are happy to announce the release of LilyPond 2.13.51. This release contains the usual number of bugfixes.

Please note that this is **not** the third release candidate, due to a few remaining Critical bugs.

LilyPond 2.13.50 released! *Feb 13, 2011*

We are happy to announce the release of LilyPond 2.13.50. This release contains the usual number of bugfixes.

Please note that this is **not** the third release candidate. Due to a number of untested changes to our build process, we cannot be at all confident about the quality of this release.

New Chinese and Czech translations of the web page! *Feb 11, 2011*

Two new languages are added to our web page: Chinese by Ben Luo, and Czech by Pavel Fric. It is a work in progress but they are fully functional. That makes ten languages to choose from!

Release candidate 2 of 2.14 - LilyPond 2.13.49 released! *Feb 9, 2011*

LilyPond 2.13.49 is out; this is the second release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), [page 89](#).

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on Feb 23, 2011. If you discover any problems, please send us [\[Bug reports\]](#), [page 87](#).

LilyPond 2.13.48 released! *Feb 5, 2011*

We are happy to announce the release of LilyPond 2.13.48. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

LilyPond 2.13.47 released! *Jan 28, 2011*

We are happy to announce the release of LilyPond 2.13.47. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Release candidate 1 withdrawn *Jan 13, 2011*

We have discovered a regression since 2.12.3, so lilypond 2.13.46 is no longer a candidate for the 2.14.0 release. However, please continue testing it – we would like to discover (and fix!) any more regressions as soon as possible. If you discover any problems, please send us [\[Bug reports\]](#), [page 87](#).

Release candidate 1 of 2.14 - LilyPond 2.13.46 released! *Jan 12, 2011*

LilyPond 2.13.46 is out; this is the first release candidate of the upcoming 2.14 stable release. All users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), [page 89](#).

There are no known Critical issues with this release. If no Critical bugs are found, then the official 2.14.0 release will be on 26 Jan 2011. If you discover any problems, please send us [\[Bug reports\]](#), page 87.

LilyPond 2.13.45 released! *Jan 3, 2011*

We are happy to announce the release of LilyPond 2.13.45. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Beta test three of 2.14 – LilyPond 2.13.44 released! *Dec 25, 2010*

LilyPond 2.13.44 is out; this is the third beta test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), page 89.

There is still one Critical problem with this release: in one case, the vertical spacing is much too compressed. If you decide to test this version, do not be surprised to discover problems; just send us polite [\[Bug reports\]](#), page 87.

Beta test two of 2.14 – LilyPond 2.13.43 released! *Dec 14, 2010*

LilyPond 2.13.43 is out; this is the second beta test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), page 89.

There is still one Critical problem with this release: in one case, the vertical spacing is much too compressed. If you decide to test this version, do not be surprised to discover problems; just send us polite [\[Bug reports\]](#), page 87.

LilyPond 2.13.42 released! *Dec 8, 2010*

We are happy to announce the release of LilyPond 2.13.42. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Please note that this is **not** the second beta test. Due to a number of untested changes to our build process, we cannot be at all confident about the quality of this release.

LilyPond 2.13.41 released! *Dec 4, 2010*

We are happy to announce the release of LilyPond 2.13.41. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Please note that this is **not** the second beta test. Due to a number of untested changes to our build process, we cannot be at all confident about the quality of this release.

LilyPond 2.13.40 released! *Nov 21, 2010*

We are happy to announce the release of LilyPond 2.13.40. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Please note that this is **not** the second beta test. Due to a number of untested changes to our build process, we cannot be at all confident about the quality of this release.

Beta test one of 2.14 – LilyPond 2.13.39 released! *Nov 15, 2010*

LilyPond 2.13.39 is out; this is the first beta test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), page 89.

There are still some Critical problems with this release: the vertical spacing is suspicious in two cases, and lilypond can crash with some odd input. If you decide to test 2.13.39, do not be surprised to discover problems; just send us polite [\[Bug reports\]](#), page 87.

The LilyPond Report #22. *Nov 3, 2010*

The *LilyPond Report* is back, with some surprises and exciting news for the whole LilyPond community! To be found in this issue is an up-to-date, complete list of all LilyPond mailing lists and forums around the world. Also, for the very first time our special guest today is LilyPond's co-founder and core developer **Jan Nieuwenhuizen**, who has been busy these past months – read on to find out what for!

Come [read LilyPond Report 22](#) now; comments and contributions are warmly encouraged!

Alpha test four of 2.14 – LilyPond 2.13.38 released! *Oct 31, 2010*

LilyPond 2.13.38 is out; this is the fourth alpha test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), page 89.

There are still some Critical problems with this release: the vertical spacing is suspicious in two cases, and lilypond can crash with some odd input. If you decide to test 2.13.38, do not be surprised to discover problems; just send us polite [\[Bug reports\]](#), page 87.

Alpha test three of 2.14 – LilyPond 2.13.37 released! *Oct 25, 2010*

LilyPond 2.13.37 is out; this is the third alpha test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), page 89.

There are still some Critical problems with this release: the vertical spacing is suspicious in two cases, and lilypond can crash with some odd input. If you decide to test 2.13.37, do not be surprised to discover problems; just send us polite [\[Bug reports\]](#), page 87.

LilyPond 2.13.36 released! *Oct 19, 2010*

We are happy to announce the release of LilyPond 2.13.36. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Please note that this is **not** the third alpha test. Due to a number of untested changes to our build process, we cannot be at all confident about the quality of this release.

The LilyPond Report #21. *Oct 3, 2010*

The *LilyPond Report* is back, with its two “grumpy-and-fluffy” editors! This issue mainly deals with microtonal notation in LilyPond, but does also include a how-to about running LilyPond from an USB key, not to forget the regular release news, the bug report of the Report, and some news from the frog pond!

Come [read LilyPond Report 21](#) now; comments and contributions are warmly encouraged!

Alpha test two of 2.14 – LilyPond 2.13.35 released! *Sep 29, 2010*

LilyPond 2.13.35 is out; this is the second alpha test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), page 89.

Three known regressions against 2.12.3 still exist: [Issue 1173 MetronomeMarks cannot be aligned on a note if a multi-measure rest exists in another voice](#), and two spacing bugs: [Issue 1240](#) and [Issue 1252](#). If you decide to test 2.13.35, do not be surprised to discover problems; just send us polite [\[Bug reports\]](#), page 87.

Alpha test of 2.14 – LilyPond 2.13.34 released! *Sep 21, 2010*

LilyPond 2.13.34 is out; this is the first alpha test of the upcoming 2.14 stable release. Users are invited to experiment with this version. New features since 2.12.3 are listed in the “Changes” manual on the website section about [\[Development\]](#), page 89.

One known regression against 2.12.3 still exist: [Issue 1173 MetronomeMarks cannot be aligned on a note if a multi-measure rest exists in another voice](#), but we expect to find more. If you decide to test 2.13.34, do not be surprised to discover problems; just send us polite [\[Bug reports\]](#), page 87.

LilyPond 2.13.33 released! *Sep 10, 2010*

We are happy to announce the release of LilyPond 2.13.33. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

LilyPond 2.13.32 released! *Sep 3, 2010*

We are happy to announce the release of LilyPond 2.13.32. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

LilyPond Report #20. *Sep 2, 2010*

The *LilyPond Report* is back, with its two “grumpy-and-fluffy” editors! This issue contains a review of an online notation editor using lilypond, along with the regular release news, snippet of the report, news from the frog pond, and the bug report of the report!

Come [read LilyPond Report 20](#) now; comments and contributions are warmly encouraged!

LilyPond 2.13.31 released! *Aug 24, 2010*

We are happy to announce the release of LilyPond 2.13.31. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

LilyPond 2.13.30 released! *Aug 13, 2010*

We are happy to announce the release of LilyPond 2.13.30. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

LilyPond Report #19. *Aug 9, 2010*

The *LilyPond Report* is back, with its two “grumpy-and-fluffy” editors! This issue contains some conference news, along with the regular release news, snippet of the report, news from the frog pond, and the bug report of the report!

Come [read LilyPond Report 19](#) now; comments and contributions are warmly encouraged!

LilyPond 2.13.29 released! *Aug 4, 2010*

We are happy to announce the release of LilyPond 2.13.29. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

This release radically changes the autobeaming rules, so use extra caution and expect breakage.

LilyPond 2.13.28 released! *July 13, 2010*

We are happy to announce the release of LilyPond 2.13.28. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

This release includes some major untested changes to the windows lilypond editor. Windows users should not be using this release because it is intended for developers only, but you ignore these warnings and try it anyway, use extra caution.

LilyPond 2.13.27 released! *July 5, 2010*

We are happy to announce the release of LilyPond 2.13.27. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Testing our new website! *June 29, 2010*

We're testing our new website! For the next 24 hours, the new website will be the default website; after that, we will switch back to the old website while we examine feedback and make improvements to the new website.

Please send feedback to `lilypond-user`; you can find more information on our page about [\[Contact\]](#), page 85.

Note: There are a few known problems with translations. If you are a non-English speaker, you may prefer to view the old lilypond website at: <http://lilypond.org/web/>

LilyPond 2.13.26 released! *June 26, 2010*

We are happy to announce the release of LilyPond 2.13.26. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

LilyPond 2.13.25 released! *June 20, 2010*

We are happy to announce the release of LilyPond 2.13.25. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

LilyPond 2.13.24 released! *June 14, 2010*

We are happy to announce the release of LilyPond 2.13.24. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

LilyPond 2.13.23 released! *June 3, 2010*

We are happy to announce the release of LilyPond 2.13.23. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

LilyPond 2.13.22 released! *May 27, 2010*

We are happy to announce the release of LilyPond 2.13.22. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

LilyPond 2.13.21 released! *May 12, 2010*

We are happy to announce the release of LilyPond 2.13.21. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

This release should be of particular interest to package maintainers: we have made a few changes to the configure script and the required libraries. Barring any urgent bug reports, this is the build system and libraries that will be used for the next stable release.

LilyPond Report #18. *May 11, 2010*

The *LilyPond Report* is back, with its two “grumpy-and-fluffy” editors! This issue will be filled with emotion and coolness, paper bags and zigzag-ending staves, plus the usual Frogs and Bugs.

Come [read LilyPond Report 18](#) now; comments and contributions are warmly encouraged!

LilyPond 2.13.20 released! *May 5, 2010*

We are happy to announce the release of LilyPond 2.13.20. This release contains the usual number of bugfixes. However, a number of critical issues still remain, so this release is intended for developers only.

Minor syntax change: the undocumented `\cresc` and `\decresc` have changed. In addition, the [options] for the LaTeX mode of `lilypond-book` now comes after the `{lilypond}`, following normal LaTeX practice. As always, see the Changes document for more information.

LilyPond 2.13.19 released! *April 24, 2010*

We are happy to announce the release of LilyPond 2.13.19. This release contains the usual number of bugfixes. However, 11 critical issues still remain, so this release is intended for developers only.

LilyPond 2.13.18 released! *April 16, 2010*

We are happy to announce the release of LilyPond 2.13.18. This release contains the usual number of bugfixes, along with improved website translations. However, 14 critical issues still remain, so this release is intended for developers only.

LilyPond 2.13.17 released! *April 2, 2010*

We are happy to announce the release of LilyPond 2.13.17. This release includes bugfixes for 4 critical issues. However, 15 critical issues still remain, so this release is intended for developers only.

LilyPond 2.13.16 released! *March 15, 2010*

We are happy to announce the release of LilyPond 2.13.16. This release is intended for developers only, and includes the usual round of bugfixes.

LilyPond 2.13.15 released! *March 4, 2010*

We are happy to announce the release of LilyPond 2.13.15. This release is intended for developers only, and includes a few updates to the binary build process in addition to the usual round of bugfixes.

LilyPond Report #17. *March 1, 2010*

Yay, the Report is back, with a new team! It has been said that two heads are better than one — does it apply to newsletters as well? Read on and let us know! In this issue we’ll talk about websites and poetry, frogs and bugs, not to mention an extensive review of the Frescobaldi editor!

What are you waiting for? Come [read LilyPond Report 17](#) now!

LilyPond 2.13.14 released! *February 27, 2010*

We are happy to announce the release of LilyPond 2.13.14. This release is intended for developers only, and includes a large translation update in addition to the usual round of bugfixes.

LilyPond 2.13.13 released! *February 13, 2010*

We are happy to announce the release of LilyPond 2.13.13. This release is intended for developers only, and fixes various problems with documentation build system as well as adding an output-preview-framework for our SVG backend. In addition, the binaries are now approximately 6 megabytes smaller.

LilyPond 2.13.12 released! *February 2, 2010*

We are happy to announce the release of LilyPond 2.13.12. This release is intended for developers only, and brings more stability and fewer bugs to the build system and Contributor's Guide.

LilyPond 2.13.11 released! *January 16, 2010*

We are happy to announce the release of LilyPond 2.13.11. This release is intended for developers only, and brings a number of improvements to the build system, Contributor's Guide, and fixes 4 critical regressions against earlier versions.

LilyPond 2.13.10 released! *December 31, 2009*

We are happy to announce the release of LilyPond 2.13.10. This release is intended for developers only, and brings a number of improvements such as predictable regression test output filenames and English names for feta filenames.

LilyPond 2.12.3 released! *December 20, 2009*

We are happy to announce the release of LilyPond 2.12.3. This version contains the long-awaited fix for our GUI on MacOS X 10.5 and 10.6. In addition to the GUI fixes, this version contains dozens of bugfixes backported from the unstable development version.

We recommend that all users upgrade to this version. This is the last planned release in the 2.12 stable series; development now shifts towards the upcoming 2.14 series.

LilyPond 2.13.9 released! *December 12, 2009*

LilyPond 2.13.9 is now out. From 2.13.9 onwards, LilyPond is licensed under the GNU GPL v3+ for code, and the GNU FDL 1.3+ for documentation. In addition to the usual round of bugfixes, this release adds a shortcut for repeated chords.

Please note that 2.13 is an **unstable development** branch; normal users should continue to use 2.12.

New Website! *October 3, 2009*

As you can see, we have a new website design. Many thanks to texi2html and CSS for being so flexible!

LilyPond Report #16. *September 6, 2009*

The LilyPond Report is back! This short, informal opinion column is about the LilyPond project: its team, its world, its community. Read [issue 16](#) now!

LilyPond 2.13.3. *July 2, 2009*

This unstable release contains working menus in OSX 10.5; many thanks to Christian Hitz for fixing this long-standing problem! This release also contains numerous other bugfixes and

features such as ties with variable thickness, partially dashed slurs, and eyeglasses.

We are planning another 2.12 release in the next week or two, which will include the menu fixes for OSX 10.5. Normal users may wish to wait for this release rather than using an unstable release.

[Changes], page 59, [Development], page 89.

A LilyPond weboldala magyarul. *May 22, 2009*

Elkészült a lilypond.org nagy részének magyar fordítása a LilyPond honosítási projekt első lépéseként. A projekt célja a LilyPond szabad kottaszedő szoftver minél széleskörűbben elérhetővé tétele a magyar felhasználók számára a teljes weboldal és dokumentáció lefordítása révén. A teljes dokumentáció lefordításához közreműködőket keresünk. Ha részt vennél a honosításban, küldj egy e-mailt a [harmathdenes AT gmail.com](mailto:harmathdenes@gmail.com) címre!

Harmath Dénes, a LilyPond honosítási projekt vezetője

The LilyPond Report #15. *May 18, 2009*

The *LilyPond Report* is a short, informal opinion column about the LilyPond project: its team, its world, its community. Follow [this link](#) to read the full issue...

The LilyPond Report #14. *April 13, 2009*

The *LilyPond Report* is back, on a new website! This short, informal, weekly opinion column is about the LilyPond project: its team, its world, its community. Follow [this link](#) to read the full issue...

LilyPond 2.12.2 and 2.13.0 — *March 21, 2009*

As a very belated announcement, the stable version of LilyPond is now 2.12.2, and the next development version has begun with 2.13.0.

LilyPond 2.12.0 “Rune” — *December 27, 2008*

A new stable release of LilyPond is available.

[Announcement](#), [\[Changes\]](#), page 59, [\[Download\]](#), page 29.

LilyPond 2.11.65 — Release Candidate. *December 2, 2008*

This release has improvements to MusicXML import, contributed by Reinhold Kainhofer, and adds support for splitting a book in several book parts, contributed by Nicolas Sceaux. Nested contexts of the same type are now allowed with any depth, and overriding nested properties can be done with list syntax, thanks to Neil Puttock. This is hopefully the last Release Candidate before stable release 2.12, so you are welcome to test this release if you can to report new issues.

[Bugfixes](#), [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.11.64. *November 18, 2008*

LilyPond 2.11.64 is available. MusicXML import has been improved, including church modes support, and a few bugs in the compilation and documentation building processes are fixed. The three documentation manuals are now fully translated in Spanish, thanks to Francisco Vila. The font cache problem in Windows binaries which used to cause excessive slowness should be fixed.

[\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.11.63. *October 29, 2008*

LilyPond 2.11.63 is available. This release has lots of updates to the documentation and translations. [\[Old downloads\]](#), page 46.

LilyPond 2.11.62 – Release Candidate. *October 11, 2008*

LilyPond 2.11.62 is available. This is one of the last releases before 2.12, so testing it is encouraged. In addition to a bugfix in `\tempo` command, this release has lot of updates to Spanish and German documentation translations, and the stylesheet for HTML documentation has been improved.

Bugfixes , [\[Old downloads\]](#), page 46.

LilyPond 2.11.61 available. *October 1, 2008*

LilyPond 2.11.61 has been released. It has updates to documentation translations, and a new automatic accidentals style (teaching) has been added.

Bugfixes , [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.11.60 available. *September 25, 2008*

LilyPond 2.11.60 has been released. A new style of double repeat bar line has been added, and `printallheaders` variable in score block has been renamed to `print-all-headers`. [\[Old downloads\]](#), page 46.

LilyPond 2.11.59 available. *September 20, 2008*

Release 2.11.59 is out. LilyPond now uses 64 bit integers for rational numbers, which allows typesetting more complex polymetric music. This release also has updates to German and Spanish translations of the documentation. [\[Old downloads\]](#), page 46.

LilyPond 2.11.58 available. *September 13, 2008*

LilyPond 2.11.58 is a beta release, which means the next stable release is expected in a few weeks. This release is also special, as it includes code which supports more flexible automatic accidentals rules, written several months ago by Rune Zedeler, deceased since then. All the development team express their condolences to his family and his friends. Besides this, automatic beaming has been improved by Carl Sorensen, support for creating stem flags in a new style has been contributed by Reinhold Kainhofer, and a few bugs have been fixed.

Bugfixes , [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.11.57 available. *August 27, 2008*

LilyPond 2.11.57 is out. This release adds support for harp pedal diagrams, contributed by Reinhold Kainhofer, and some changes in markup command names have been made.

[\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.11.56 available. *August 17, 2008*

LilyPond 2.11.56 is out. This release features transposable fret diagrams, contributed by Carl Sorensen. Translations status pages are now available from the documentation start page. Two predefined commands `\pointAndClickOn`, `\pointAndClickOff` have also been added.

[\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.11.55 available. *August 6, 2008*

LilyPond 2.11.55 is out. This release fixes several bugs, and for octavation brackets `set-octavation` has been replaced by a more user-friendly command, `\ottava`.

Bugfixes , [\[Old downloads\]](#), page 46.

LilyPond 2.11.54 available. *July 30, 2008*

LilyPond 2.11.54 is out. This release fixes a bug in tie formatting following a line break, and changes the behavior of `short-indent` so that short instrument names are no longer indented

in the margin.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.53 available. *July 23, 2008*

LilyPond 2.11.53 is out. This release fixes a lot of bugs.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.52 available. *July 14, 2008*

Release 2.11.52 fixes wrong offset of a bar number when it follows a breath mark, and syntax changes made in recent development releases are now fully listed on the News page.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.51 available. *July 8, 2008*

Release 2.11.51 has a couple of bugfixes, and a lot of changes in predefined command names. Fret diagrams formatting has been improved by Carl Sorensen, it is now controlled by `fret-diagram-details` property.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.50 available. *July 2, 2008*

Release 2.11.50 adds support for metronome marks with text, and backslashed numbers for figured bass, contributed by Reinhold Kainhofer.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

The LilyPond Report #13. *June 23, 2008*

This short, informal, weekly opinion column is about the LilyPond project: its team, its world, its community. Follow [this link](#) to read the full issue...

The LilyPond Report #12. *June 16, 2008*

This short, informal, weekly opinion column is about the LilyPond project: its team, its world, its community. Follow [this link](#) to read the full issue...

LilyPond 2.11.49 released. *June 12, 2008*

LilyPond 2.11.49 is out. It fixes a number of bugs, including bugs in beams formatting.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.48 released. *June 9, 2008*

LilyPond 2.11.48 is out. This release fixes a few bugs, and `\compressMusic` has been renamed to `\scaleDurations`.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

The LilyPond Report #11. *June 9, 2008*

This short, informal, weekly opinion column is about the LilyPond project: its team, its world, its community. Follow [this link](#) to read the full issue...

The LilyPond Report #10. *June 2, 2008*

Welcome to this special tenth issue of the *LilyPond Report*, entirely dedicated to Algorithmic Composition systems.

Follow [this link](#) to read the full issue...

LilyPond 2.11.47 released. *May 28, 2008*

LilyPond now allows all text context properties to be markups, except in `\lyricmode`. This release also fixes regression tests maintenance for developers.

[Bugfixes](#) , [\[Old downloads\]](#), page 46.

LilyPond 2.11.46 available. *May 22, 2008*

Release 2.11.46 fixes a lot of bugs and includes a rewrite of dynamics engravers. Support for slur-shaped arpeggios has been added.

[Bugfixes](#) , [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

RSS feed - *May 21, 2008*

A RSS feed is now available on lilypond.org. It contains all news announced on the web site start page: releases, LilyPond report, new translations of the site and publications. [Feed URL](#). The info mailing list (see [\[Contact\]](#), page 85) is still used to announce releases and special events.

The LilyPond Report #9. *May 05, 2008*

Welcome to this ninth issue of the *LilyPond Report*!

This short, informal, weekly opinion column is about the LilyPond project: its team, its world, its community. Follow [this link](#) to read the full issue...

LilyPond 2.11.45 available. *April 26, 2008*

Release 2.11.45 fixes a couple of bugs in the formatting engine. `lilypond-book` has been improved, with better performance, a bugfix about included files, and more flexibility for preprocessing documents with LaTeX variants. Support for enclosing text in a rounded box has been contributed by Valentin Villenave.

[Bugfixes](#) , [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.11.44 available. *April 14, 2008*

Release 2.11.44 is available. Support for figured bass and chord names has been added to the MusicXML converter.

[Bugfixes](#) , [\[Old downloads\]](#), page 46.

lilypond.org ([lilypond.org Japanese translation](#)). *200848 (April 4, 2008)*

lilypond.org

LilyPond 2.11.43 available. *March 31, 2008*

Release 2.11.43 has been available since March 27. It fixes a couple of formatting bugs, and the font cache problem with MS-Windows binaries which caused excessive slowness has been fixed.

[Bugfixes](#) , [\[Old downloads\]](#), page 46.

LilyPond 2.11.42 available. *March 9, 2008*

Release 2.11.42 is out. It fixes some formatting and spacing bugs.

[Bugfixes](#) , [\[Old downloads\]](#), page 46.

Comparison of music engraving with Finale and LilyPond. *February 25, 2008*

In three articles, Andrew Hawryluk compares Finale and LilyPond in general terms, and evaluates in detail engraving capabilities of both pieces of software. The second article is an instructive analysis of Rachmaninoff's Piano Prelude 6 engraving, including comparisons with a reference hand-engraved edition. [Read the articles](#).

LilyPond 2.11.41 available. *February 25, 2008*

Release 2.11.41 is available. It has a few bugfixes, updated program messages in French, German, Spanish and Vietnamese, and updates to the MusicXML converter.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.37 available. *January 3, 2008*

Release 2.11.37 is available. It has a few bugfixes, and documentation changes. ([\[Old downloads\]](#), [page 46](#))

LilyPond 2.11.36 available. *December 13, 2007*

Release 2.11.36 is now available. It has many bugfixes, updates for MusicXML import, and it includes major documentation changes from Grand Documentation Project.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.33 and 2.11.33 available. *September 20, 2007*

Release 2.11.33 is now available.

[Bugfixes 2.10](#), [Bugfixes 2.11](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.32 available. *September 2, 2007*

Release 2.11.32 is now available.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.31 available. *August 31, 2007*

Release 2.11.31 is now available. It has more bugfixes, updates for MusicXML import and lots of updates for the translations.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.30 available. *August 20, 2007*

Release 2.11.30 is now available. It has various bugfixes among others in the new spacing code, MusicXML import and lots of updates for the translations.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.29 and 2.11.29 available. *August 11, 2007*

Release 2.11.29 is now available. 2.10.29 has a few small fixes. 2.11.29 has several bugfixes, among others in the new spacing code, and lots of updates for the translations.

[Bugfixes 2.10](#), [Bugfixes 2.11](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.28 for FreeBSD x86_64. *August 10, 2007*

Release 2.11.28 is now available as a binary installer for FreeBSD x86_64. Download [the installer](#) and do `sh lilypond-2.11.28-1.freebsd-64.sh` in a command window.

LilyPond 2.11.28 available - *July 25, 2007*

Release 2.11.28 has several updates to the manual and its translations, an plethora of bugfixes and a complete cleanup of the spacing engine code.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.26 available - *June 8, 2007*

Release 2.11.26 supports page markers, eg. for use in tables-of-contents. In addition, it fixes a number of bugs. Enjoy!

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.25 and 2.11.25 available - *May 20, 2007*

Release 2.11.25 has support for toplevel page breaking commands, and page breaking as a whole has been sped up significantly. Enjoy!

[Bugfixes 2.10](#), [Bugfixes 2.11](#), [\[Old downloads\]](#), page 46.

LilyPond 2.10.23 and 2.11.23 available - *May 1, 2007*

This has lots of bugfixes.

[Bugfixes 2.10](#), [Bugfixes 2.11](#), [\[Old downloads\]](#), page 46.

Übersetzung der Dokumentation - *10. April 2007*

Die Kapitel 1-5 (der Abschnitt für Anfänger) des LilyPond-Benutzerhandbuchs sind auf deutsch übersetzt – sie sind erhältlich für die [\[Changes\]](#), page 59 online und [\[Old downloads\]](#), page 46.

LilyPond 2.11.22 available - *April 10, 2007*

This release has updates of the dot collision code.

[Bugfixes](#) , [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.11.21 available - *March 24, 2007*

This release has some documentation updates.

[Bugfixes](#) , [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

Traduction de la documentation en français - *25 f vrier 2007*

Les chapitres 1 , 4 et 6 du manuel de l'utilisateur sont d sormais traduits, et disponibles en ligne – [version 2.10](#), [version 2.11](#). Les traductions sont  galement incluses dans la [documentation t l chargeable](#).

LilyPond 2.10.20 and 2.11.20 available - *February 25, 2007*

This release fixes many bugs.

[Bugfixes 2.10](#), [Bugfixes 2.11](#), [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.10.19 and 2.11.19 available - *February 18, 2007*

This release fixes many bugs.

[Bugfixes 2.10](#), [Bugfixes 2.11](#), [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.11.18 available - *February 12, 2007*

This release fixes still more bugs, and included singing support through festival contributed by Milan Zamazal.

[Bugfixes](#) , [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.11.17 available - *February 9, 2007*

This release fixes still more bugs.

[Bugfixes](#) , [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46.

LilyPond 2.10.16 and 2.11.16 available - *February 4, 2007*

This release fixes many bugs. ([Bugfixes 2.10](#), [Bugfixes 2.11](#), [\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46)

LilyPond 2.10.15 and 2.11.15 available - *February 1, 2007*

This release will stretch piano staves on a system-by-system basis and add a few glyphs: a black harmonic note head and the slashed mirrored flat.

[Bugfixes 2.10](#), [Bugfixes 2.11](#), [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.14 and 2.11.14 available - *January 26, 2007*

This release has a rewrite of the line-spanner code, responsible for among other glissandi and text-crescendos, making them more flexible.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#)

LilyPond 2.10.13 and 2.11.13 available - *January 17, 2007*

This release fixes a few minor but irritating bugs. In addition, the 2.11 release has updates of the tutorial.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.12 available - *January 17, 2007*

This release fixes lots of bugs. In particular, the tie formatting has been further improved, and memory usage has been improved enormously.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.12 available - *January 17, 2007*

This release mirrors 2.11.12. Notably, it has the same memory usage improvements.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.11 available - *January 12, 2007*

This release mostly has the same fixes as 2.11.11.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.11 available - *January 11, 2007*

This release has further fixes for popular bugs. Timing of the MIDI output won't get confused by tuplets and grace notes anymore. Some fat has also been trimmed of the skyline code performance.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.10 available - *January 8, 2007*

LilyPond 2.11.10 has further review of the test-suite, performance and code coverage. This brought to light several problems that were fixed. Notably, 2.11.10 fixes lots of regressions in optical correction spacing and MIDI dynamics. Also, this version is 20 to 50 % faster than previous 2.11 releases.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.10 available - *January 8, 2007*

This release fixes several popular bugs, among others: MIDI files that go silent after (de)crescendi, and tuplets problems with quoting and part-combining.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.9 and 2.10.9 available - *January 3, 2007*

This release has a couple of bugfixes, and —in 2.11.9— further improvements in the regression test suite

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.8 and 2.10.8 available - *January 3, 2007*

New! Improved! With even more bugfixes!

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

`lilypond.org` auf deutsch - *31. Dezember 2006*

Die LilyPond-Webseiten sind jetzt auch auf deutsch übersetzt!

`lilypond.org` en español - *December 29, 2006*

¡Ya esté disponible la versión en español del sitio web de LilyPond!

LilyPond 2.11.7 and 2.10.7 available - *January 1, 2007*

New! Improved! With even more bugfixes!

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.6 available - *December 30, 2006*

This release supports arbitrary fractional alterations, allowing music with different microtonal conventions to be typeset.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.6 available - *December 30, 2006*

New! Improved! With even more bugfixes!

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.5 available - *December 24, 2006*

These releases complete the translation infrastructure for Documentation.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.5 available - *December 24, 2006*

New! Improved! With even more bugfixes!

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.4 available - *December 21, 2006*

The vertical spacing improvements that were introduced in 2.11.0 now work within a system as well as between systems.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.3 available - *December 19, 2006*

This release has [graphical test results](#) and several website build improvements.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.3 available - *December 19, 2006*

This release fixes several bugs.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LinuxPPC binaries available! - *December 19, 2006*

From now on, our GUB binary builds include support for Linux/PPC. ([\[Old downloads\]](#), [page 46](#))

Traduction du tutoriel en français. *December 13, 2006*

Fruit du travail d'une équipe de traducteurs, le tutoriel en français est maintenant disponible en ligne. [Version 2.10](#), [Version 2.11](#).

LilyPond 2.11.2 available - *December 12, 2006*

This release supports glissandi and harmonics in tablature.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.2 available - *December 12, 2006*

A new stable release of LilyPond is available.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.1 available - *December 4, 2006*

This release has improved support for horizontal spacing.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

LilyPond 2.10.1 available - *December 3, 2006*

A new stable release of LilyPond is available.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.11.0 available - *November 27, 2006*

This release has improved support for vertical spacing. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.10.0 available - *November 11, 2006*

A new stable release of LilyPond is available. ([Announcement](#), [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

GIT repository online - *November 11, 2006*

LilyPond development has moved over its source code to [GIT](#), the fast version control system. Check out our repository at [gnu.org](#).

LilyPond 2.9.29 available - *November 5, 2006*

This release has many more bugfixes.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.9.28 available - *November 3, 2006*

This release has many more bugfixes.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.9.27 available - *October 28, 2006*

This release has a new **FretBoards** context, and some further bugfixes.

[Bugfixes](#) , [\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#).

Music streams thesis available - *October 21, 2006*

The last months, Erik Sandberg has been overhauling the internals of Lily. This change introduces a new intermediate format, Music Streams, which will make it easier get music data out of LilyPond. A copy of the thesis is now available from [lilypond.org](#) ([\[Publications\]](#), [page 93](#)).

LilyPond 2.9.26 available - *October 20, 2006*

This release has further bugfixes.

[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.9.25 available - *October 18, 2006*

This release has more bugfixes; from now on, binaries are also available for x86/64.
[Bugfixes](#) , [\[Old downloads\]](#), [page 46](#).

LilyPond 2.9.24 available - *October 15, 2006*

This release has support for right hand guitar fingerings, and offers some bugfixes. ([\[Changes\]](#), [page 59](#), [Bugfixes](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.23 available - *October 12, 2006*

This release cuts fragments of EPS directly from your finished score, and makes it easier to insert ties into lyrics. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.22 available - *October 9, 2006*

Test this release candidate for LilyPond 2.10! ([\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.21 available - *October 4, 2006*

Test this release candidate for LilyPond 2.10! ([\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.20 available - *October 3, 2006*

Test this release candidate for LilyPond 2.10! ([\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.17 available - *September 2, 2006*

This release fixes many bugs. Among others, MacOS X QuickTime now honors tempo changes are in the MIDI output. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.16 available - *August 25, 2006*

In this release, chords may be partially tied and lyric extenders have tunable padding. Moreover, many bugs were fixed ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.15 available - *August 20, 2006*

This releases fixes many bugs in the 2.9.14 release. ([\[Old downloads\]](#), [page 46](#))

LilyPond 2.8.6 available - *August 8, 2006*

This release contains a few minor bugfixes; the source tarball is also available. ([\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.14 available - *August 4, 2006*

This release supports instrument name changes, dotted barlines and better spacing for floating grace notes. In addition, it contains ongoing work by Erik Sandberg to extend the interpretation phase with stream support. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.13 available - *July 23, 2006*

This release supports doits and falls, and more tuning options for grace note spacing and tuplet brackets. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.12 available - *July 18, 2006*

This release supports pdftex for lilypond-book, and uses PdfTeX for generating manuals, so page numbers and references are now clickable. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.11 available - *July 12, 2006*

This release wraps improvements of the last two weeks. As a new feature, it supports tunable tuplet number formatting for nested tuplets. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.10 available - *June 15, 2006*

This releases fixes a couple of bugs in 2.9.9. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.9 available - *June 15, 2006*

This releases fixes many bugs in 2.9.8 and earlier. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.8 available - *June 6, 2006*

2.9.8 has support for different spacing sections within a single score, and better infrastructure for automated regression testing. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.8.4 available - *June 4, 2006*

2.8.4 fixes some minor bugs, and includes a backport of the infrastructure for automated regression testing. ([\[Old downloads\]](#), [page 46](#))

First test results available - *June 4, 2006*

After a week of frantic tweaking, the first automated testing results are available. You can now see [in full glory](#) what features are broken in the development release

LilyPond 2.9.7 available - *May 30, 2006*

2.9.7 has improvements in the formatting for figured bass, and includes a new framework for detecting bugs earlier, which will make the development releases even better

LilyPond 2.9.6 available - *May 24, 2006*

This release has new features in beam formatting: beams may now be put on single stems, and obey the `beatGrouping` property. MusicXML converter. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

New essay pages! - *May 22, 2006*

The *Automated Engraving* essay has been updated with material from the [FISL](#) talk, with pages on [modeling notation](#) and [algorithms for esthetics](#). Happy reading!

LilyPond 2.9.5 available - *May 17, 2006*

This release supports object rotation, hairpins with circled tips, hairpins that run to barlines before notes and improvements in the MusicXML converter. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.4 available - *May 12, 2006*

This release has support for feathered beaming, and note head styles in the markup `\note` command. In addition, it has a lot of updates of the manual and a clean up of the spring spacer. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.8.2 available - *May 12, 2006*

This release has fixes for minor bugs and compilation issues. ([\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.3 is out! - *May 7, 2006*

This new release has lots of updates of the manual, courtesy Graham and the contributors of the mailing. It handles formatting for ties in arpeggiated chords better (feature sponsored by Steve Doonan), it has al niente hairpins, courtesy of Erlend Aasland, and some cleanups of the PostScript output, courtesy David Feuer. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

FISL7.0 slides available - *April 22, 2006*

The slides for Han-Wen's talk at [FISL 7](#) are now online. ([\[Publications\]](#), [page 93](#))

LilyPond 2.8.1 is out! - *April 3, 2006*

Important bugfixes include CJK font handling and a Darwin/x86 port. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.9.1 is out! - *April 3, 2006*

It's mostly a bugfix release, and it's almost the same as 2.8.1. This release mainly fixes problems with CJK font loading. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond on MacOS X/Intel - *March 31, 2006*

LilyPond now also runs on Intel based macs, offering a 400% speedup over the emulated PowerPC binaries. ([\[Old downloads\]](#), [page 46](#))

LilyPond 2.8.0 is out! - *March 22, 2006*

Version 2.8 is here! Read the [release announcement](#). ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.39 is out - *March 17, 2006*

This release has even more bug fixes. Please test before 2.8 is released. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.38 is out - *March 12, 2006*

This is likely to be the last release candidate before we release 2.8, so report any bugs that you might find. New attractions include: lilypond postscript files now work with GSView, cut & pasting lily code from PDF files should now work, and spacing fixes for multi-measure rests. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.37 is out - *March 4, 2006*

This release has more bug fixes. Please help us by testing it! ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.36 is out - *February 24, 2006*

This is another release candidate for 2.8. It has lots of bug fixes and polishes to the documentation. It also contains support for creating ties that are only on their right side connected to note heads, which is handy for repeats (feature sponsored by Steve Doonan). The documentation suite can now be downloaded as a separate tarball from lilypond.org. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.35 is out - *February 19, 2006*

This release has lots of bug fixes. The plan is to release 2.8 at the end of this month, so bug reports are **very** welcome. By definition a bug is release critical if it wasn't present in version 2.6. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.34 is out - *February 16, 2006*

This release has a bunch of bugfixes, and new features. Newly created contexts may also be named with `\new Voice = "alto"`. Thicknesses of tie and slurs may be tuned separately for the endings and the middle part. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.33 is out - *February 10, 2006*

Items directly connected with a music input element may be parenthesized, for example,

```
{
  c4 -\parenthesize -.
  <d \parenthesize fis a>
}
```

This feature was sponsored by Ramana Kumar. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.32 is out - *February 7, 2006*

This release contains some syntax changes: words inside the `\paper` and `\layout` block are henceforth written with dashes, for instance:

```
{
  \layout {
    ragged-right = ##t
  }
}
```

Furthermore, in this release, we have dropped some legacy code from our library. Now, lily uses standard C++ strings and the STL vector. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.31 is out - *February 2, 2006*

This release fixes a load of bugs, and has some internal cleanups. Exported C++ members are now named `ly:class-name::function-name` in Scheme instead of `Class_name::function_name`. We are now using C++ vectors and strings instead of our own. The Linux/FreeBSD builds now include wrappers for Python scripts too, so you can run `convert-ly` and `midi2ly`. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.30 is out - *January 30, 2006*

This release has a few bug fixes, like the solfa note head shape and collisions, the `\epsfile` command, and in getting No. ligature in normal words. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.29 is out - *January 27, 2006*

This release has the following new features. Alignments of staves may be tuned per system (feature sponsored by Trevor Baca), individual systems may be positioned manually (feature sponsored by Trevor Baca and Nicolas Sceaux), a linebreaking configuration can now be saved as a `‘.ly’` file automatically. This allows vertical alignments to be stretched to fit pages in a second formatting run (feature sponsored by Trevor Baca and Nicolas Sceaux). ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.28 is out - *January 22, 2006*

This release contains numerous small fixes that were already in our GUB binaries. In addition, it has further polish for formatting of tied chords. These improvements were sponsored by Steve Doonan. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.27, release 4 - *January 13, 2006*

The fourth release of our Grand Unified Binary for 2.7.27 is available. This release uses Pango 1.11.1, which has support for ligatures and kerning. Enjoy! ([\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.27, release 3 - *January 12, 2006*

The third release of our Grand Unified Binaries is available. This release fixes external font-support, the decompression flag for Linux. Also, we have support for **FreeBSD** as well! Jump to the [\[Old downloads\]](#), [page 46](#) get them!

LilyPond 2.7.27 binaries are out - *January 7, 2006*

Starting with 2.7.26, the development team has been working on the installers. We're proud to announce another version of these: they are now available for [Linux/x86](#), [MacOS X](#) and [Windows](#).

LilyPond 2.7.27 is out - *January 7, 2006*

This release allows you to switch staff lines on and off individually (feature sponsored by Andrea Valle). ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

Linux Journal article - *January 2006*

Linux Journal publishes an article on *Make Stunning Schenker Graphs with GNU LilyPond*. It is a in-depth but hands-on feature article with crisp LilyPond graphics.

Author Kris Shaffer remarks “GNU LilyPond generates beautiful graphics that make commercial alternatives seem second-rate.” This article is now available [on-line](#).

New binaries for LilyPond 2.7.26 - *January 4, 2006*

The Development team has been working around the clock to improve to fix the first wave bugs reported by you. The new results for MacOS and Windows are up on the [\[Old downloads\]](#), [page 46](#) page. Let us know how you fare!

LilyPond 2.7.26 is out - *December 31, 2005*

This release has an improvement in the MusicXML importer (feature sponsored by Mark vd Borre's Music Academy): now, staves and voices are also setup, so you can readily run LilyPond on the .ly output. The important occasion for this release is our new build environment: we have completely revamped it, which means that binaries for all platforms (including MacOS, Windows, Linux/x86, but probably FreeBSD too) will be more quickly available for download. A happy 2006 from the LilyPond Development Team! ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.25 is out - *December 24, 2005*

This release has various bugfixes. Also, stems on the center line now have their directions interpolated to minimize the number of direction changes (feature sponsored by Basil Crow and Mike Rolish). ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.24 is out - *December 20, 2005*

This release fixes a couple of bugs, but more importantly, slurs now avoid TupletNumbers, and tuplet numbers may enter the staff (feature sponsored by Trent Johnston), tuplet brackets and numbers are implemented as separate grobs, TupletBracket and TupletNumber (rewrite sponsored by Trent Johnston), string arguments for music functions may be specified without # marks. This allows syntactical constructs (like `\clef` and `\bar`) to be expressed in generic music functions. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.23 is out - *December 19, 2005*

This release has the following new features:

- Ties in chords are also formatted using score based formatting. This reduces the number of collisions for ties in chords (feature sponsored by Steve Doonan).
- With the `\tweak music` function, layout objects that are directly connected to input may be tuned easily (feature sponsored by Sean Reed and Bertalan Fodor).
- Generic music functions may now also be used on articulations and chord elements (feature sponsored by Sean Reed and Bertalan Fodor).
- Better support for MusicXML, more options for spacing Lyrics; it is now possible to separately specify minimum distances for normal and hyphenated syllables (features sponsored by Mark van den Borre and Bertalan Fodor).

([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.22 is out - *December 9, 2005*

This release has better support for MusicXML: it also supports ties, beams and editorial accidentals. It also has more options for spacing Lyrics; it is now possible to separately specify minimum distances for normal and hyphenated syllables. These features were sponsored by Mark van den Borre and Bertalan Fodor. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.21 is out - *December 5, 2005*

Saint Nicholas brings you ... a [MusicXML](#) convertor for LilyPond! The convertor is basic, but working. Check out the [LilyPond Software Design](#) pages for MusicXML features that can be sponsored.

LilyPond 2.7.20 is out - *December 2, 2005*

This release contains the following improvements: Texts set in a TrueType font are now kerned. Using the TeX no longer requires linking or dynamically opening the `kpathsea` library, making the backend more easily usable on various systems (feature sponsored by Christian Ebert of Black Trash Productions). ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.6.5 is out - *December 1, 2005*

This release updates the bugreporting address and reorganizes the documentation tree. ([\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.19 is out - *November 26, 2005*

This version contains a few bugfixes, and now allows the type of brackets in system start bracket hierarchies to be specified. Also, the horizontal alignment of rehearsal marks may be changed: marks can be put on key signatures, clefs, time signatures, etc. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.18 is out - *November 21, 2005*

This version features nestable system start delimiters, like bracket, brace. It also adds "square" line bracket (feature sponsored by Trevor Baca). It also has refactored routines for tie formatting. This will make it easier to get better tie formatting for chords (feature sponsored by Steve Doonan). It also has a few bug fixes. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.17 is out - *November 17, 2005*

This version has refactored routines for tie formatting. This will make it easier to get better tie formatting for chords (feature sponsored by Steve Doonan). It also has a few bug fixes. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7.16 is out - *November 11, 2005*

This release fixes a large number of bugs. Please upgrade before reporting bugs in the 2.7 series. ([\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46)

LilyPond 2.7.15 is out - *November 3, 2005*

This release has another massive cleanup of the backend. Each grob property may also be a "grob closure". This means that it is possible to combine functions. Calculation of extent and offset of grob is now controlled via the 'X-extent', 'Y-extent', 'X-offset' and 'Y-offset' properties. ([\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46)

LilyPond 2.7.14 is out - *October 23, 2005*

This release has more cleanup in the layout-engine. Now, properties that have Procedure values are thought to be procedures that compute said property, i.e.

```
\override Beam #'direction = #(lambda (grob)
(if (> (random 10) 5) UP DOWN))
```

will set a random direction for beams. ([\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46)

LilyPond 2.7.13 is out - *October 18, 2005*

This release features slashed numerals, plus signs and interruptible extender lines for figured bass. Merging of Figured bass lines has been made switchable with the `figuredBassCenterContinuations` property. For each grob, a subproperty in 'callbacks' property defines the procedure which computes it. This is major internal cleanup, which also provides advanced tweakability for power users. ([\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46)

LilyPond 2.6.4 is out - *October 11, 2005*

This release fixes a few minor problems with the stable series. ([\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46)

LilyPond 2.7.12 is out - *October 07, 2005*

It features more annotations for the page layout engine and some more sponsored features. Beamlets may stick out of the side of beams (feature sponsored by Trevor Baca); new support for figured bass with support for continuation lines and tuning of figures, brackets, and alignments (feature sponsored by Trent Johnston); vertical alignments of staves can now be tuned easily for individual systems (feature sponsored by Nicolas Sceaux). ([\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46)

LilyPond 2.7.11 is out - *October 02, 2005*

Vertical spacing for page layout can now be tuned for each system individually (feature sponsored by Trevor Baca and Nicolas Sceaux). The slope of a stem-tremolo may be set manually (feature sponsored by Sven Axelsson). There are a number of cleanups in the handling and representation of systems, among other features and bug fixes. ([\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46)

LilyPond 2.7.10 is out - *September 13, 2005*

This version adds proper support for "laissez vibrer ties", just enter `\laissezVibrer` after a chord. This feature was sponsored by Henrik Frisk. It also has a couple of minor bugfixes. ([\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46)

LilyPond 2.7.9 is out - *September 5, 2005*

This is mainly a bugfix release. ([\[Changes\]](#), page 59, [\[Old downloads\]](#), page 46)

Traduction française du site - *September 03, 2005*

Grâce à l'équipe des traducteurs, de nombreuses pages du site sont maintenant disponibles en français, notamment l'essai sur la gravure musicale.

LilyPond 2.7.8 is out - *August 29, 2005*

This release has support for right-to-left text formatting in markup commands (sponsored by Aaron Mehl). In addition, it fixes a great number of bugs, among others, support for writing MIDI files. ([Changes], page 59, [Old downloads], page 46)

Article in 'De Standaard' - *August 20, 2005*

The Belgian newspaper *De Standaard* investigates what drives Free Software authors in an article titled *Delen van KENNIS zonder WINSTBEJAG* (Non-profit sharing of knowledge) using LilyPond as an example. This marks LilyPond's first appearance in mainstream printed press.

LilyPond 2.7.7 is out - *August 22, 2005*

This release has a rewriting of tie formatting which was sponsored by Bertalan Fodor, Jay Hamilton, Kieren MacMillan, Steve Doonan, Trevor Baca, and Vicente Solsona Dell'Acqua. ([Changes], page 59, [Old downloads], page 46)

LilyPond 2.7.6 is out - *August 19, 2005*

This release adds support for numbered percent repeats, a feature sponsored by Yoshinobu Ishizaki. It also has bugfixes for clashes between slurs and symbols, like fingers dynamic signs. ([Changes], page 59, [Old downloads], page 46)

LilyPond 2.7.5 is out - *August 16, 2005*

Lily 2.7.5 has a large number of bugfixes, among others, in slur formatting, spacing, rest collisions and tuplet bracket formatting. ([Changes], page 59, [Old downloads], page 46)

LilyPond 2.7.4 is out - *August 7, 2005*

LilyPond 2.7.4 has support for proportional notation, where the space for a note is proportional to the time it takes. ([Changes], page 59, [Old downloads], page 46)

LilyPond 2.6.3 is out - *August 4, 2005*

This release fixes a memory corruption bug that was triggered by overriding Beam settings. ([Old downloads], page 46)

LilyPond 2.6.2 is out - *August 2, 2005*

This release has a few bugfixes, among them: the autopackage will run in more platforms, LilyPond will be much quicker for large lilypond-book documents, and the up and down Fa note heads for shaped heads have been swapped. ([Changes], page 59, [Old downloads], page 46)

LilyPond 2.7.3 is out - *July 25, 2005*

LilyPond 2.7.3 has improvements in performance which should result in faster operations (15 to 20 percent). It also contains the new "\displayLilyMusic" function. ([Changes], page 59, [Old downloads], page 46)

LilyPond 2.7.2 is out - *July 21, 2005*

LilyPond 2.7.2 has support for suggested accidentals for musica ficta notation, easy entry for lyric melismata and improvements for quicker entry of scores. ([Changes], page 59, [Old downloads], page 46)

LilyPond 2.6 released - *June 27, 2005*

Version 2.6 is the latest stable release of LilyPond. It now installs in a snap on Windows, MacOS X, and any version of Linux (x86). **Get up and running in minutes!** Pango text formatting lets you print **Unicode** lyrics in your favorite script and font. Create **SVG** files, and edit them in Inkscape. ([Announcement](#), [\[Old downloads\]](#), [page 46](#), [\[Changes\]](#), [page 59](#))

LilyPond 2.7.1 is out - *July 20, 2005*

LilyPond 2.7.1 has no user-visible changes. However, due to restructuring “under the hood”, this version will be 10 to 20 % faster. ([\[Old downloads\]](#), [page 46](#))

LilyPond 2.6.1 is out - *July 11, 2005*

This version fixes a few minor bugs found in 2.6.0, and also works on DOS-based Windows versions. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

LilyPond 2.7 is out - *July 9, 2005*

LilyPond 2.7.0 is out. It has support for paragraph text and pitched trill notation. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

2.5.31 released - *June 22, 2005*

LilyPond 2.5.32 is now available for download (binaries for Fedora + MacOS only). It has a few very minor bugfixes, and a rewrite of the TTF embedding code, which should be a lot more robust now. ([\[Old downloads\]](#), [page 46](#))

Traduction du site de LilyPond - *15 juin 2005*

L'équipe des traducteurs vous présente le site de LilyPond en français. Nous travaillons sur la traduction des pages encore non traduites. Bon surf !

2.5.31 for Windows and MacOS - *June 15, 2005*

2.5.31 is now available for both Windows and MacOS X. The Windows version should now work with embedding TTF fonts, and the MacOS X has better help functionality. ([\[Old downloads\]](#), [page 46](#))

2.5.31 released - *June 15, 2005*

This release has a few bugfixes. In the MacOS X version, ClickEdit has been renamed to LilyPond, and you can now upgrade your files and compile them directly from LilyPond. ([\[Old downloads\]](#), [page 46](#))

2.5.30 released - *June 10, 2005*

This is (hopefully) the last Release Candidate before 2.6. Give it a good shake to find those last bugs! ([\[Old downloads\]](#), [page 46](#))

2.5.29 released - *June 7, 2005*

In this release the documentation also has pictures. In addition, the Mac version can also read native mac fonts (.dfonts and fonts in resource forks). ([\[Old downloads\]](#), [page 46](#))

2.5.27 released - *May 31, 2005*

It has a big bunch of minor bugfixes. This is another release candidate for version 2.6, which should be released within the next 2 weeks. Please send a bug report if you find a critical problem with this release. ([\[Old downloads\]](#), [page 46](#))

Windows and MacOS installers available - *May 26, 2005*

There are now a native, standalone installers for Windows and MacOS. They also support PDF point & click. ([\[Old downloads\]](#), [page 46](#))

2.5.26 released - *May 26, 2005*

This release has a couple of small bugfixes.

2.5.25 released - *May 20, 2005*

This release has many small bugfixes and updates to the documentation. ([\[Old downloads\]](#), [page 46](#))

2.5.24 released - *May 12, 2005*

2.5.24 fixes a bunch of bugs; in particular, chord symbols (such as slashed o) should now work on all platforms. This release has a new feature: it is now possible to make staves appear in a different order from the order that they were defined. ([\[Old downloads\]](#), [page 46](#))

2.5.23 released - *May 6, 2005*

This release has a couple of small bugfixes, and a new feature. It is now possible to start and stop the `StaffSymbol`, during a piece of music, by doing `\stopStaff \startStaff`. This can be used to produce Ossia staves. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

2.5.22 released - *May 3, 2005*

2.5.22 is a bugfix release. The most visible improvement is in the PDF : this release will produce smaller PDF files, with symbols that look better on screen. ([\[Old downloads\]](#), [page 46](#))

April 25, 2005 - 2.5.21 released!

2.5.21 has more bugfixes. It also has support for "grid lines", bar like vertical line, which are aligned with the notes. The auto-beam engraver was rewritten, so it also works with irregular time signatures like 5/8. ([\[Changes\]](#), [page 59](#), [\[Old downloads\]](#), [page 46](#))

April 18, 2005

LilyPond 2.5.20 has lots of bugfixes, in particular, MIDI files of multi-movement pieces don't overwrite each other. Version 2.5.20 also supports putting arrows on lines, such as glissandi. More details are in the the [\[Changes\]](#), [page 59](#) file, or go straight to [\[Old downloads\]](#), [page 46](#).

April 15, 2005

LilyPond 2.5.19 was released. The command `\epsfile` allows inclusion of EPS graphics into markup texts and the music function `\musicDisplay` will display a music expression as indented Scheme code. Take a look at the [\[Changes\]](#), [page 59](#) file and [\[Old downloads\]](#), [page 46](#).

April 6, 2005

2.5.18 is a bugfix release. It has many small cleanups in the web-based documentation, and many small cleanups all over the place. [\[Old downloads\]](#), [page 46](#)

March 31, 2005

2.5.17 is out. This release features many small bugfixes. In addition, it has support for string number notation for guitar. This feature was sponsored by Gunther Strube. [\[Old downloads\]](#), [page 46](#)

March 20, 2005

LilyPond 2.5.16 is out. This release fixes a few minor but irritating errors. A Fedora Core 3 binary is also available. [\[Old downloads\]](#), [page 46](#)

March 14, 2005

LilyPond 2.5.15 is out. This release has clean ups in the SVG output, and now uses the LilyPond number font for time signatures. It is now possible to add text before and after music. This can be used to add verses after a music. Take a look at the [\[Changes\]](#), [page 59](#) file and [\[Old downloads\]](#), [page 46](#)!

March 7, 2005

LilyPond 2.5.14 is out. It is now possible (and in fact, encouraged), to build LilyPond either without the Kpathsea TeX library or with the Kpathsea dynamically loaded, but only for the -btex backend. This means that packages do not have to depend on TeX anymore. With this, the Windows download size will go down significantly. Take a look at the [\[Changes\]](#), [page 59](#) file and download [\[Old downloads\]](#), [page 46](#)!

March 7, 2005

LilyPond 2.4.5 is out. This release backports the tieWaitForNote feature and has support for tetex-3.0. [\[Old downloads\]](#), [page 46](#)

February 28, 2005

LilyPond 2.5.13 is available for Fedora Core 3. You need to install [ESP Ghostscript 8.15rc3](#). Unfortunately, this version of Ghostscript lacks the IJS dynamic library, which means that it will conflict with the gimp-print package. You may install it with `-nodeps`. Use at your own risk.

February 28, 2005

LilyPond 2.5.13 is out. This release has Point and click support for PDF output. You can read more about it [here](#). Take a look at the [\[Changes\]](#), [page 59](#) file and download [\[Old downloads\]](#), [page 46](#)!

February 26, 2005

The [LilyPond Snippet Repository \(LSR\)](#) is a searchable database of LilyPond code snippets. You can add snippets too, so join the LSR project, and contribute creative ideas for using LilyPond.

February 21, 2005

LilyPond 2.5.12 is out. The big news is that this release supports TrueType fonts. This means that it is now possible to use **all** fonts available via FontConfig. Also, arpeggios may be written out using ties and individual objects may have colors! Take a look at the [\[Changes\]](#), [page 59](#) file and [\[Old downloads\]](#), [page 46](#)!

February 4, 2005

LilyPond 2.5.11 is out. In this release, foreign character sets are now supported in lilypond-book too, and it is possible to put system separators between systems. [\[Old downloads\]](#), [page 46](#)!

January 31, 2005

LilyPond 2.5.10 is out. This release sports as new EPS backend, based on the PS backend. This backend is used in the new and improved lilypond-book script. [\[Old downloads\]](#), [page 46](#)

January 26, 2005

LilyPond 2.5.9 is out. This release fixes a couple of annoying bugs in the direct PS output for piano braces. [\[Old downloads\]](#), [page 46](#)

January 16, 2005

LilyPond 2.5.8 is out. This release has many internal code cleanups. In addition, accuracy of error reporting has been improved. See the [change log](#) and [\[Old downloads\]](#), [page 46](#)!

January 11, 2005

LilyPond 2.5.7 is out. This release has a completely usable Pango integration for the PS backend. The default font is Century Schoolbook from the PS font suite. It also has small updates to the tablature settings by Erlend Aasland, assorted manual updates by Graham, and an overhaul of the font code by Werner. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

January 02, 2005

LilyPond 2.5.6 was released. This is a "technology preview" release, which means that it has all kinds of nifty features, but is not actually usable for producing nicely printed scores. For this reason, an RPM of this release was not produced. The PS backend is now completely switched over to Pango/FontConfig: for -f ps, LilyPond only accepts UTF8 input, all text fonts are loaded through Pango, the TeX backend now offloads all metric computations to LaTeX, the SVG and GNOME backends are broken, most probably. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

December 28, 2004

LilyPond 2.5.5 is out. It is the first one to link against FontConfig and Pango, although it is only available in the "-f ps" output. The default output format has been changed back TeX while we stabilize the Pango/FontConfig integration. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

December 20, 2004

LilyPond 2.5.4 is out. This release has some major brainsurgery in the font handling. As of now, LilyPond loads the music fonts in OpenType font format using FreeType. This has made a lot of things simpler, including font handling for the GNOME backend and SVG backend. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

December 3, 2004

LilyPond 2.5.3 was released. A new script, ‘\espressivo’ has been added, for a combination of crescendo and decrescendo on a single note. In markups, expressions stacked with ‘\column’, ‘\center-align’, etc, are not grouped with ‘< ... >’ anymore, but with ‘{ ... }’. LilyPond will now avoid line breaks that cause long texts to stick outside of the page staff. Grace notes following a main note, used to be entered by letting the grace notes follow a skip in a parallel expression. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

November 26, 2004

LilyPond 2.5.2 was released. It has several goodies, including solfa-notation (shaped noteheads), and an easier mechanism for customizing title, footer and header layout. Don't forget to rebuild the fonts, as they have been changed to accomodate the solfa-notation. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

November 20, 2004

LilyPond 2.5.1 is out. This is an experimental release, containing some proof-of-concept code for our graphical layout editor. You can add and remove things from the file, and the tweaks will still work, as long as the tweaked notes remain in the place (ie. start at the same time-wise and be part of the same context). Further attractions are: the gnome backend now also draws beams and slurs, updates to the SVG backend, support for the lmodern font set for TeX, various bugfixes. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

November 12, 2004

The LilyPond development is OPEN once again! The first release of the 2.5 series has the following new Features: Positioning of slurs can now be adjusted manually, Grace notes are correctly quoted and formatted when using cue notes, Cue notes can now be created with

```
\cueDuring #VOICE-NAME #DIRECTION { MUSIC }
```

Stemlets (short stems over beamed rests) have been added. In addition, Jan hacked together some highly experimental code where you can use the mouse to drag and drop objects in the -f gnome backend. These tweaks can be saved and are applied to the PS and TeX output as well. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

November 11, 2004

LilyPond 2.4.2 is out. This release fixes a number of security problems with `--safe`, and adds a lot of polishing fixes. [\[Old downloads\]](#), [page 46](#)

November 4, 2004

LilyPond 2.4.1 is out. This release includes a number of small fixes that were made to 2.4.0 last week. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

October 31, 2004

LilyPond 2.4.0 was just [released](#)! This new stable version has support for page-layout, completely rewritten slur formatting and many other improvements. Read about them in the [\[Changes\]](#), [page 59](#) file. [\[Old downloads\]](#), [page 46](#)

October 29, 2004

LilyPond 2.3.26 is out. This is another 2.4 release candidate. This release fixes a number of minor bugs, and some problems with the conversion scripts. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

October 29, 2004

2.3.25 is the final release candidate for LilyPond 2.4. Werner has been overhauling the TeX macros and lilypond-book. In addition, this release contains an important fix for raggedbottom page-layout. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

October 27, 2004

LilyPond 2.3.24 is a further polished 2.4 release candidate. This release has more improvements by Werner for the TeX backend, and a bunch of other small fixes. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

October 24, 2004

LilyPond 2.3.23 has bugfixes in the documentation, lilypond-book and `-preview` output. This release can be considered as a release candidate for LilyPond 2.4. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

October 10, 2004

LilyPond 2.3.22 fixes a bunch more bugs, to make 2.4 a really stable release. In addition, it renames the `\paper{}` block to `\layout{}`. The `\bookpaper{}` block is now called `\paper{}`. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

October 09, 2004

LilyPond 2.3.21 is out. It is a serious release candidate for the next stable release LilyPond. This version has a cleanup and some small formatting improvements of the slur code. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

October 02, 2004

LilyPond 2.3.20 was released. It fixes the biggest problems with encoding and the TeX backend. As a result, latin1 characters (like the german SS) show up correctly in the output once again. Also it has the usual bugfixes and updates in the documentation. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

September 29, 2004

The LilyPond development team will be present at the [Free Software Bazaar](#) of the NLUUG SANE 2004 conference today. If you are in the neighborhood, drop by for live contact with the Team or just a friendly chat. Registration is not required to attend.

September 26, 2004

LilyPond 2.3.19 is out. It's mainly a bugfix release. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

September 20, 2004

LilyPond 2.3.18 was released. It has further improvements in the slur formatting, and a small syntax change: the mode changing commands (`\chords`, `\lyrics`, etc.) have been renamed to `\chordmode`, `\lyricmode`, etc. The command `\chords` is an abbreviation for `\new Chord-Names \chordmode ...` `\drums`, `\lyrics`, `\chords`, `\figures` function similarly. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

September 11, 2004

LilyPond 2.3.16 was released. It fixes a couple of annoying bugs, and has an important addition in the slur-formatter. Slurs that pass note heads much closer than the average distance get an extra penalty. This fixes a lot of difficult slurring cases. See `input/regression/new-slur` for some examples. Please consider this release as a 3.0 pre-release so try to find as many bugs as possible. A report including a small .ly example can be filed at `bug-lilypond@gnu.org` In this case, a bug is defined as something that the current 2.3 does worse than the latest 2.2 release. We want to be sure that no output will get uglier by upgrading to 3.0, so that once 3.0 is out, nothing will hold users back in switching. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

September 10, 2004

LilyPond 2.3.15 was released. It fixes for some gaffes with the new vertical spacing engine, has lots of documentation updates, and has support for landscape output in the direct postscript

output. Also, the types of events quoted with ‘\quote’ can now be tuned with ‘quotedEvent-Types’. By default, only notes and rests end up in quotes. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

September 6, 2004

LilyPond 2.3.14 was released and has exciting features! LilyPond will try to keep staves at the same distances across a page, but it will stretch distances to prevent collisions; key signature cancellations are now printed before the bar line; different voices that all use “\quote” can now refer to each other. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

August 29, 2004

LilyPond now has a Documentation Editor, Graham Percival. From now on, he will oversee that useful information flows from the mailing list into the manual. Also, if there are unclear sections in the manual, let him know via one of the mailing lists. As a start of his career, he worked to transform the “Templates” section of the website into a readable and comprehensive chapter of the user manual. A lot of cheers for Graham!

August 29, 2004

LilyPond 2.3.13 was released. The new slur code was improved, scripts can be made to avoid slurs, by setting inside-slur to #f. It is no longer necessary to instantiate “up” and “down” staves separately when using \autochange. Jurgen Reuter refreshed the logic around mensural flags, so they are adjusted for staff lines once again. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

August 24, 2004

LilyPond 2.2.6 fixes a few minor issues, among others, the disappearing metronome mark. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

August 23, 2004

LilyPond 2.3.12 is out. This release has a lot of fixes and a new feature: there is now support for putting two slurs on chords, both above and below. This is switched on with the ‘doubleSlurs’ property. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

August 3, 2004

LilyPond 2.3.11 is out. This release basically is 2.3.10 with a few annoying bugs fixed. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

August 1, 2004

LilyPond 2.3.10 is out. This release has a major clean-up of the input/test/ directory. Many examples have been moved to the regression test or manual, and the superfluous or outdated ones have been removed. The directory has gone from 146 examples to 72 examples. That means that we’re halfway cleaning it out. Incidentally, the manual has gone from 200 to 220 pages. New features:

- Running trills now have their own spanner and event. They are started and stopped with \startTrillSpan and \stopTrillSpan
- There is a new markup command ‘\postscript’ that takes a string that is dumped as verbatim PostScript

[\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

July 30, 2004

LilyPond 2.3.9 is out. The important change is that lilypond now once-again directly runs the binary. The old wrapper script has been renamed to lilypond-latex.py, and should only be used for legacy projects. The recommended route is either using lilypond directly (with `\book`, you can have multiple movements within one document), or to run lilypond-book with a LaTeX wrapper file. This release also fixes a bunch of small errors. I now consider LilyPond feature complete for a 3.0 release. Next on the TODO list is updating the manual, and after that's done we can release 3.0. The projected date for this to happen is in about a month. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

July 23, 2004

LilyPond 2.3.8 fixes a few minor bugs in the new slur code, and has rewritten support for ledger lines. Now, in tight situations, ledger lines will be shortened so they stay separate. This also required a cleanup of the Ambitus implementation. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

July 19, 2004

LilyPond 2.3.7 was released and has new exciting features! The slur formatting has been rewritten. The new slur code works similar to the Beam formatter: scores are assigned for all esthetic components of a slur. A large number of combinations for begin and end points is then tried out. Slurs will now also take into account collisions with staff lines, scripts (like staccato and accent) and accidentals. In the LilyPond emacs mode, the `'|'` will now display the current beat within the measure. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

July 15, 2004

LilyPond 2.2.5 was released. It has a few bug fixes from 2.3.x. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

July 11, 2004

An introductory article on LilyPond appeared on [Linux Journal](#).

July 5, 2004

LilyPond 2.3.6 was released. This release has more updates for the Fret diagram code (thanks, Carl!), fixes a bunch of bugs, including a serious one that trashed a lot of beam formatting, and was also present in the 2.2 series. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

July 5, 2004

LilyPond 2.2.4 was released. It is mainly a bug fix release. [\[Old downloads\]](#), [page 46](#) and check out the changes in the [ChangeLog](#).

June 25, 2004

LilyPond 2.3.5 has numerous small bugfixes and cleanups, and features more work in the experimental GNOME output module. Adventurous hackers can check the instructions at `scm/output-gnome.scm` and try to run `buildscripts/guile-gnome.sh` to see what the fuss is all about. Carl Sorensen also provided us with more patches to the fret-diagram output. Check out the [ChangeLog](#) and [\[Old downloads\]](#), [page 46](#).

June 20, 2004

LilyPond 2.2.3 has a turkish translation and fixes a few minor bugs that were reported over the past month. Check out the [ChangeLog](#) for a full description and [\[Old downloads\]](#), [page 46](#).

June 13, 2004

LilyPond 2.3.4 further improves the output backends. As a result, manual page-breaks, multiple output formats and putting `\score` into markups now works. Check out the [ChangeLog](#) and [\[Old downloads\]](#), page 46.

May 31, 2004

LilyPond 2.3.3 has many internal changes relating to the output backend (PostScript) and page-layout. In addition, it contains a few bugfixes for recently reported problems. Check out the [ChangeLog](#) and [\[Old downloads\]](#), page 46.

May 31, 2004

LilyPond 2.2.2 is out. It has a number of small bugfixes, so upgrade if any of these errors concern you. Check out the [ChangeLog](#) or head straight to the [\[Old downloads\]](#), page 46.

May 26, 2004

LilyPond 2.3.2 is out. This release has a lot of internal changes relating to page layout, but also sports experimental fret-diagram code. Check out the [\[Changes\]](#), page 59 or head straight to the [\[Old downloads\]](#), page 46.

May 9, 2004

LilyPond 2.3.1 is out. This release has many new and cool features. Check out the [\[Changes\]](#), page 59 or head straight to the [\[Old downloads\]](#), page 46.

May 4, 2004

Help LilyPond get better, and join in on LilyPond development! This [call for help](#) was posted on the mailing list a month ago, and we are still looking for a Release Meister, Code Janitor, Newsletter editor and a Writer for implementation Documentation. Of course, any other help is also welcome!

May 3, 2004

LilyPond 2.2.1 has been released. It fixes a handful of bugs. [\[Old downloads\]](#), page 46.

April 17, 2004

LilyPond 2.2.0 is now available on Windows, and should find its way to the Cygwin mirrors soon.

April 12, 2004

LilyPond 2.3.0 is the first release in the 2.3 cycle. The focus for 2.3 is page layout, so instrumentalists can force parts to have page breaks at sane turning points. This release is *experimental*; expect things to break! More info in the [\[Changes\]](#), page 59. [\[Old downloads\]](#), page 46.

April 8, 2004

A French article on the new LilyPond release appeared on [linuxfr.org](#).

April 8, 2004

Binaries for LilyPond 2.2.0 are available for MacOS X, Slackware, Mandrake and Debian Woody. [\[Old downloads\]](#), page 46

April 1, 2004

LilyPond 2.2.0 is out! This new stable version has completely revamped support for for orchestral score formatting, cue notes, font size management, lyric formatting, drum notation/playback

and document integration. Read about it in the [announcement](#) or skip to the [\[Old downloads\]](#), [page 46](#).

March 31, 2004

LilyPond 2.1.37 has build fixes for Cygwin and SUSE, bugfixes for part-combining and chord tremolos and even more documentation polish. This should be the final release candidate; expect only regression bugs to be fixed before 2.2. [\[Old downloads\]](#), [page 46](#).

March 30, 2004

LilyPond 2.1.36 has many fixes in the user manual. [\[Old downloads\]](#), [page 46](#).

March 28, 2004

LilyPond 2.1.35 fixes a slew of bugs, and has the `raggedlast` option, which causes paragraph like line breaking for scores. More info in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

March 22, 2004

LilyPond 2.1.34 fixes minor bugs, and has more rewriting. [\[Old downloads\]](#), [page 46](#).

March 21, 2004

LilyPond 2.1.33 fixes a serious bug, and a few other irritations. [\[Old downloads\]](#), [page 46](#)

March 20, 2004

LilyPond 2.1.32 has more rewriting in the user manual. There is also an experimental implementation of optimal page breaking (Postscript backend only). [\[Old downloads\]](#), [page 46](#).

March 15, 2004

LilyPond 2.1.31 is out. It has fixes the alignment of bass figures and spurious dynamic warnings in MIDI. New attractions include rewritten font-selection routines. See the [\[Changes\]](#), [page 59](#) and [\[Old downloads\]](#), [page 46](#).

March 14, 2004

The [linuxmusician.com](#) [interview](#) made the [slashdot](#) frontpage!.

March 11, 2004

[linuxmusician.com](#) is running an [interview](#) with Han-Wen Nienhuys and Jan Nieuwenhuizen, the main authors of LilyPond.

March 11, 2004

LilyPond 2.1.30 has editorial fixes for the manual, and experimental support for page layout in the PostScript backend. See the [\[Changes\]](#), [page 59](#) and [\[Old downloads\]](#), [page 46](#).

March 9, 2004

LilyPond 2.1.29 fixes a couple of MIDI bugs, and has experimental support for producing titles with markup.

February 29, 2004

In LilyPond 2.1.28 Scheme property functions may be used argument to `set!`. In addition, parts of the manual have been proofread and corrected in this release. See the [\[Changes\]](#), [page 59](#) and [\[Old downloads\]](#), [page 46](#).

February 24, 2004

LilyPond 2.1.27 takes into account instrument transpositions when quoting other voices. This release also fixes a number of lyrics related bugs. See the [\[Changes\]](#), [page 59](#) and [\[Old downloads\]](#), [page 46](#).

February 23, 2004

LilyPond 2.1.26 has a new, experimental feature for quoting other voices in instrumental parts. This can be used to produce cue notes. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

February 18, 2004

LilyPond 2.1.25 fixes many bugs, and changes the conventions for altering accidental rules. [\[Old downloads\]](#), [page 46](#)

February 16, 2004

LilyPond 2.1.24 has a big internal rewrite. One of its practical consequences is that `\with` now also works with `Score` contexts. Further 2.1.23, which was not announced here, fixes a few bugs caused by the change of `\property` syntax and has updates in the Program Reference document. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

February 13, 2004

LilyPond 2.1.22 has a simplification of the `\property` syntax: it is shorter and more consistent now. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

February 12, 2004

In LilyPond 2.1.21, output tweaks can be done at multiple levels of the context hierarchy. In addition, it has a bunch of bugfixes, improvements in the documentation. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

February 9, 2004

LilyPond 2.1.20 has MIDI output for drums. It also sports a completely rewritten lilypond-book script, which is cleaner, shorter, and faster. It also has a large number of bugfixes. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

February 5, 2004

LilyPond 2.1.19 has rewritten support for drum notation. This release also makes some long-standing cleanups: the removal of `Thread` (all functionality is now moved into `Voice`) and `Lyrics` (functionality moved to `LyricsVoice`) context. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

February 4, 2004

LilyPond 2.1.18 is out. This release has the new part-combiner installed by default, and a similar implementation of `autochange`. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

February 2, 2004

LilyPond 2.1.17 is out. It adds texts (solo, a due) for the part combiner. It also reinstates the `--safe` option which prevents havoc by Scheme exploits. More information in the [\[Changes\]](#), [page 59](#).

January 28, 2004

LilyPond 2.1.16 is out; its main feature is that it fixes the autobeam's gaffe of 2.1.15. The part-combiner has been tested successfully on larger pieces. In the near future, expect more part-combining eye-candy. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

January 26, 2004

LilyPond 2.1.15 further improves the part-combiner, and fixes many bugs, among others in pedal brackets and finger positioning. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

January 21, 2004

LilyPond 2.1.14 has the first release of the new part combiner. If you have scores that use part-combining, please consider giving it a test-run. In addition many bugs relating to mixed staff sizes have been fixed. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

January 20, 2004

The lilypond.org domain has been moved to a new server. This will result in better connectivity and more bandwidth. Due to security concerns, the new server does not offer FTP access, but only HTTP downloads.

January 20, 2004

LilyPond 2.1.13 fixes a small but nasty bug in side-positioning placement, and some bugs in tuplet, tie and accidental formatting. This release contains rudimentary work on a new part-combiner. [\[Old downloads\]](#), [page 46](#)

January 19, 2004

LilyPond 2.1.12 fixes many bugs and improves formatting of ottava brackets. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

January 18, 2004

LilyPond 2.1.11 is now also available for Windows! For downloading, go [here](#).

January 17, 2004

In 2.1.11, the mechanism for setting staff size and page is much simplified. In addition there are improvements in the notehead shape, and there is balloon help! More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

January 16, 2004

LilyPond 2.1.10 has a load of bugfixes and a shorter syntax for octave checks. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

January 13, 2004

LilyPond 2.1.9 has a new mechanism for adding lyrics to melodies. It is now possible to have different melismatic variations for each stanza. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

January 9, 2004

LilyPond 2.1.8 has an important new feature: it is now possible to use `\property` to tune the appearance of spanning objects like `StaffSymbol` and `SystemStartBrace`. In addition, contexts may be modified with `\remove` and `\consists` for individual music expressions. More information in the [\[Changes\]](#), [page 59](#). [\[Old downloads\]](#), [page 46](#)

January 7, 2004

An update to the stable branch, version 2.0.2, was released today. It contains a couple of minor bugfixes. [\[Old downloads\]](#), [page 46](#)

January 6, 2004

LilyPond 2.1.7 continues to improve the layout of the Schubert test piece; this release focuses on dot placement and multi measure rests centering. More information in the [\[Changes\]](#), [page 59](#) and download [here](#).

January 4, 2004

LilyPond 2.1.6 continues to improve the layout of lyrics. More information in the [release notes](#) and download [here](#).

January 2, 2004

in LilyPond 2.1.5, the lyric alignment is completely revamped, and now matches my Edition Peters version of the Schubert song Sängers Morgen. More information in the [\[Changes\]](#), [page 59](#) and download [here](#).

December 30, 2003

LilyPond 2.1.4 is released. Font shapes and linethickness are now truly different for different staff sizes, thus lending an engraved look to scores printed in smaller type too. See the [\[Changes\]](#), [page 59](#) and download [here](#).

December 23, 2003

LilyPond 2.1.3 released. Interpreting and formatting is now done while parsing the file. This allows for Scheme manipulation of music, and could be used to implement experimental MusicXML output (volunteers to implement this are welcome!) See the [\[Changes\]](#), [page 59](#) and download [here](#).

December 17, 2003

LilyPond 2.1.2 released. This release has a new mechanism for setting font sizes, which combines different font design sizes and continuous font scaling. See the [\[Changes\]](#), [page 59](#) and download [here](#).

December 16, 2003

LilyPond 2.1.1 released. This release wraps together all the small fixes made during Han-Wen's absence. See the [\[Changes\]](#), [page 59](#) and download [here](#).

October 11, 2003

LilyPond 2.1.0 released. See the [\[Changes\]](#), [page 59](#) and download [here](#).

October 11, 2003

LilyPond 2.0.1 binaries for Mandrake 9.1 available from [here](#) thanks to Heikki Junes.

October 9, 2003

LilyPond 2.0.1 binaries for Slackware 9 available from [here](#), thanks to Ricardo Hoffman.

October 5, 2003

LilyPond 2.0.1 binaries are available for MacOS X, many thanks to Matthias Neeracher. [\[Old downloads\]](#), [page 46](#)

October 4, 2003

LilyPond 2.0.1 binaries are available for Windows (Cygwin version 1.5). [\[Old downloads\]](#), [page 46](#). Thanks to Bertalan Fodor, our new Cygwin maintainer!

September 29, 2003

LilyPond 2.0.1 is released. It contains minor bugfixes. See the [\[Changes\]](#), [page 59](#) or download [here](#) directly.

September 27, 2003

PlanetCCRMA has been updated to include LilyPond 2.0. Go [here](#) to download. Thanks to Fernando Pablo Lopez-Lezcano!

September 24, 2003

LilyPond 2.0.0 is released. The focus of this release is cleanups of the syntax: entering music is now much easier and more efficient. Read the announcement [here](#), or go to the [download page](#) directly.

September 24, 2003

LilyPond 1.9.10 is released. This is the final LilyPond 2.0 release candidate. Check the [\[Changes\]](#), [page 59](#) and download [here](#).

September 23, 2003

LilyPond 1.9.9 is released. This is the second LilyPond 2.0 prerelease. Check the [\[Changes\]](#), [page 59](#) and download [here](#).

September 19, 2003

LilyPond 1.9.8 is released. This is the first LilyPond 2.0 prerelease. Check the [\[Changes\]](#), [page 59](#) and download [here](#).

September 17, 2003

LilyPond 1.9.7 is released. LilyPond now has support for quarter tone accidentals! [\[Old downloads\]](#), [page 46](#)

September 16, 2003

LilyPond 1.9.6 is released. It has a lot of minor fixes and updates. [\[Old downloads\]](#), [page 46](#)

September 10, 2003

LilyPond 1.9.5 is released. With this release, the 1.9 branch is feature complete. After some stabilization and documentation work, 2.0 will be available in a few weeks. [\[Old downloads\]](#), [page 46](#)

September 9, 2003

LilyPond 1.8.2 is released. This release fixes a couple of minor bugs. [\[Old downloads\]](#), [page 46](#)

September 7, 2003

LilyPond 1.8 binaries are available for Windows (Cygwin version 1.5). [\[Old downloads\]](#), [page 46](#)

August 31, 2003

LilyPond 1.9.4 is released. *This is an experimental release:* read the [announcement](#) before trying.

August 31, 2003

LilyPond 1.8 binaries for slackware available. Get them [here](#).

August 31, 2003

LilyPond 1.9.3 is released. This release supports tagging for music version control, and has better fingering placement flexibility. Read the [\[Changes\]](#), [page 59](#) and get it [here](#).

August 28, 2003

LilyPond 1.9.2 is released. Read the [\[Changes\]](#), [page 59](#) and get it [here](#).

August 26, 2003

LilyPond 1.9.1 is released. Read the [\[Changes\]](#), [page 59](#) and get it [here](#).

August 25, 2003

The LilyPond 1.9 development release is available. Read the [\[Changes\]](#), [page 59](#) and get it [here](#).

August 25, 2003

Mandrake 9.1 RPMS available, get them [here](#).

August 21, 2003

LilyPond 1.8.1 was released. Get it [here](#), or read the [\[Changes\]](#), [page 59](#).

August 18, 2003

PlanetCCRMA (eg. RedHat 8 and 9) has been updated to 1.8. Download [here](#).

August 7, 2003

LilyPond 1.8 is released. Read [\[Changes\]](#), [page 59](#) and get it [here](#).

August 7, 2003

New website went live!

August 6, 2003

Announced new website.

August 1, 2003

LilyPond 1.7.30 released.

July 30, 2003

Website: present [treatise](#) about music engraving, music printing software, and LilyPond's unique faculties.

July 29, 2003

1.7.29 - release candidate 4 has been released. Packages for Red Hat, Debian, Cygwin are [available](#).