Use this file to hold any original images drawn in Word.

1

1

**Object**

1..\*

0..\*

0..\*

1

**Attribute**

**Group**

**size: size\_t**

**Link**

**name: string**

Groups and Links chapter pictures. Old figures have objects labeled. Objects don’t have names. The links to the objects have names. The new pictures have been built below.

Figure 1. An HDF5 file with a strictly hierarchical group structure

Figure 2. An HDF5 file with a directed graph group structure including a circular reference

Figure 3. An HDF5 file with a directed graph group structure and one group as a member of itself

Figure 4. An HDF5 file with a link to another file ??????? new ???????

\_ would it help to have a picture with a soft link?

Groups and Links, Figure 1

FileX.h5

Root group

XA

XB

X3

X2

X1

Groups and Links, Figure 2

FileY.h5

Root group

YA

Y1

YD

YB

Y2

YC

Y3

Groups and Links, Figure 3

FileZ.h5

Root group

ZA

Z1

ZB

ZBB

Z2

FileN.h5

FileM.h5

Root group

Root group

NA

MA

MC

MB

N4

N1

N3

N2

M1

Create a soft link, Figure 2\_Ex8 (stored in images/groups\_fig2a\_Ex8.jpg)

FileY.h5

Root group

YA

2010

YB

Y2

YC

Y3

Create a Hard Link, Figure 2 adjusted for Example 5, (stored in images/groups\_fig2a\_Ex5.jpg)

FileY.h5

Root group

YA

Y1

YB

Y2

YC

Y3

Next set of pictures: ???????