In [1]:
```
import pandas, datetime
from arb.datacube import apandas
Panel = apandas.Panel
FDPanel = apandas.FDPanel
```

In [2]:
```
# these are your files
from StringIO import StringIO
data = []
data.append("""\
skip this row
sample,A,B
0,1.23,2.44
1,1.24,2.55
""")
data.append("""\
skip this row
sample,A,B
0,1.78,2.49
1,1.53,2.69
2,,2.70
3,1.62,
""")
data
```

Out[2]:
```
['skip this row\nsample,A,B\n0,1.23,2.44\n1,1.24,2.55\n',
 'skip this row\nsample,A,B\n0,1.78,2.49\n1,1.53,2.69\n2,,2.70\n3,1.62,\n']
```

In [4]:
```
# loop thru files and create a FDPanel

def create_panel(f):

    #read in a file as a frame
    df = pandas.read_csv(StringIO(f), skiprows=1, index_col=0)

    # turn this into a panel
    return Panel({ datetime.datetime(2012,9,5) : df }).swapaxes(axis1='items',axis2=

fdp = FDPanel(dict([ ('label_%s' % i,create_panel(f)) for i, f in enumerate(data) ])
fdp
```

Out[4]:
```
<class 'arb.datacube.fdpanel.FDPanel'>
Dimensions: 2 (labels) x 4 (items) x 1 (major) x 2 (minor)
Labels: label_0 to label_1
Items: 0 to 3
Major axis: 2012-09-05 00:00:00 to 2012-09-05 00:00:00
Minor axis: A to B
```

In [6]:
```
# reogranize your fdp
fdp1 = fdp.swapaxes(axis1='minor',axis2='labels')
print fdp1, "\n"

# now B even easier
b = fdp1['B']
print b
```

```
<class 'arb.datacube.fdpanel.FDPanel'>
```

```
Dimensions: 2 (labels) x 4 (items) x 1 (major) x 2 (minor)
Labels: A to B
Items: 0 to 3
Major axis: 2012-09-05 00:00:00 to 2012-09-05 00:00:00
Minor axis: label_0 to label_1

<class 'pandas.core.panel.Panel'>
Dimensions: 4 (items) x 1 (major) x 2 (minor)
Items: 0 to 3
Major axis: 2012-09-05 00:00:00 to 2012-09-05 00:00:00
Minor axis: label_0 to label_1
```

In [ ]: