

Before we get into details, we will look at a simple example that demonstrates tiling concepts.

### Layout Tiling Guided Tour

In this tour, we will create a page layout displaying some graphs and arrange them using tiling.

We assume that we are creating the layout to produce a graphic of a specific size for use on a web page or in a paper, not for printing hard copy.

We start by making some graphs to tiled and then create a page layout containing the graphs.

**1. In a new experiment, execute the following commands:**

```
Make/O jack=sin(x/8), fred=cos(x/8), bob=jack*fred
Display/W=(35,50,300,175) jack
Display/W=(35,200,300,325) fred
Display/W=(35,350,300,475) bob
Layout/W=(350,50,850,650) Graph0, Graph1, Graph2
ModifyLayout mag=1, units=0
```

**2. If necessary, adjust the layout magnification and window size so you can see the entire page.**

Next we will set the page size and margins appropriate for using in a web page or paper.

**3. Choose Layout→Page Size, enter the following settings, and click Do It:**

Units: Points

Width: 432

Height: 360

Margins: 0 for all

Margins are useful when printing but usually serve no purpose when creating graphics for a paper or web page.

**4. Choose Layout→Append to Layout and append Graph0, Graph1, and Graph2.**

**5. Use Edit→Select All to select all of the graph objects in the layout.**

**6. Choose Layout→Arrange Objects.**

**Click the Tile radio button.**

**Set the other settings as follows:**

Grout: 8

Rows: Auto

Columns: Auto

**Click Do It.**

The graphs are tiled in a 2 row by 2 column arrangement leaving the bottom/right tile empty.

Suppose we want to leave the bottom/left tile empty rather than the bottom right.

**7. Drag the bottom/left graph and position it roughly in the bottom/right position.**

**Use Edit→Select All to select all of the graph objects.**

**Choose Layout→Arrange Objects.**

**Check the Preserve Arrangement checkbox.**

**Click Do It.**

The Preserve Arrangement feature tiled the last graph in the bottom/right position as you had roughly positioned it.

Next we will assume that you want to use just a portion of the page rather than the whole thing, perhaps to leave room for textboxes or other objects.

**8. Click the Misc icon in the tool palette and choose Points.**

**Click a blank area of the page to deselect all objects.**