

Chapter II-18 — Page Layouts

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.