```
    //--------------
    public void setSize(Dimension sz) {
        width = sz.width;
        height = sz.height;
    }
    //--------------
    public void setPenColor(Color c) {
        color = c;
    }
```

The important part is that all of the derived classes must implement a method called *plot* with two Float arrays as arguments. Each of these classes can do any kind of plot that is appropriate.

Note that we don't derive it from the special JxFrame class because we don't want the entire program to exit if we close one of these subsidiary windows. Instead, we add a WindowAdapter class that hides the window if it is closed.

```
public class WindAp extends WindowAdapter {
    JFrame fr;
    public WindAp(JFrame f) {
        fr = f;           //copy the Jframe instance
    }
    public void windowClosing(WindowEvent e) {
        fr.setVisible(false);   //hide the window
    }
}
```

The Context Class

The Context class is the traffic cop that decides which strategy is to be called. The decision is usually based on a request from the client program, and all that Context needs to do is to set a variable to refer to one concrete strategy or another.

```
public class Context {
    //this object selects one of the strategies
    //to be used for plotting
    private PlotStrategy plotStrategy;
    private float x[], y[];
//--------------
    public Context() {
        setLinePlot();
    }
    public void setBarPlot() {
        plotStrategy = new BarPlotStrategy();
    }
    public void setLinePlot() {
        plotStrategy = new LinePlotStrategy();
    }
```