

Assembling ESTAT Using GeoVISTA *Studio*

1. Before you begin:

If you are not yet familiar with the basic functionality of GeoVISTA *Studio*, check out our Quickstart guide located at:

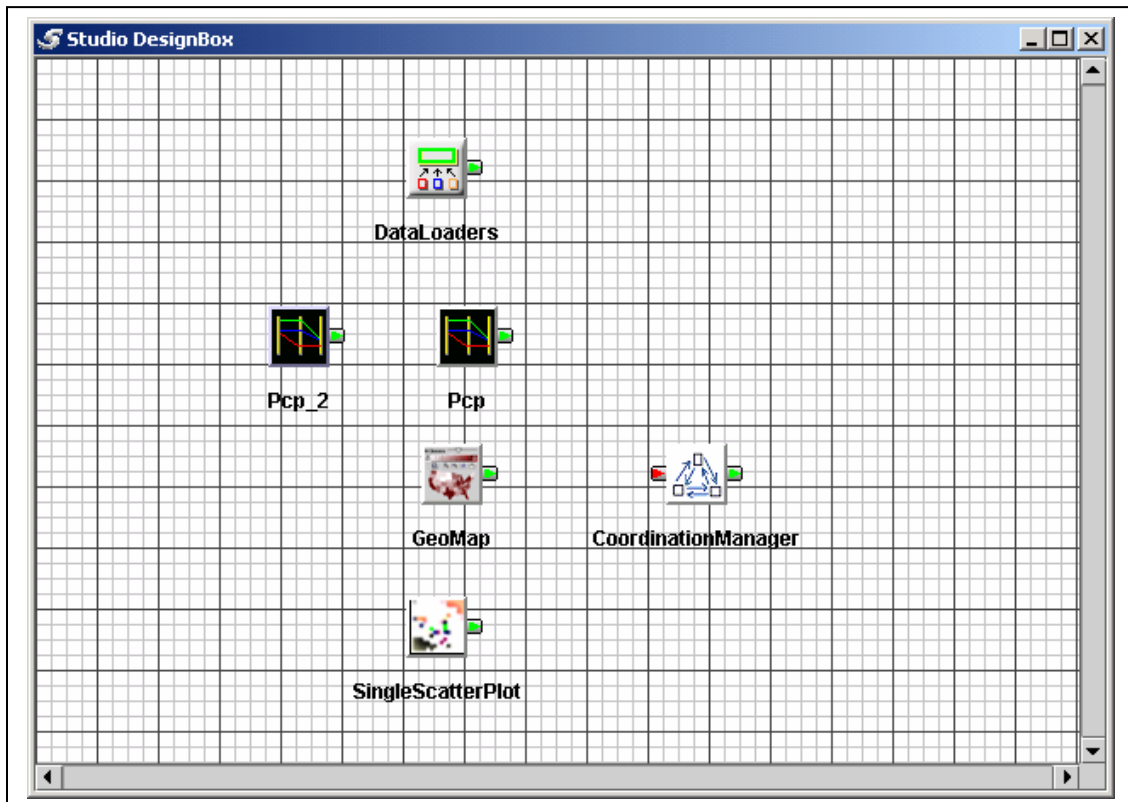
<http://www.geovistastudio.psu.edu/jsp/tryit.jsp>

2. Start building!

In the 'geoviz' bean palette, find the following components:

- **DataLoaders**
- **PCP**
- **GeoMap**
- **SingleScatterPlot**
- **CoordinationManager**

Each of these needs to be added (and in the case of the PCP, you need two) to the *Studio* DesignBox canvas. To do this, click on the icon for each bean, and then click anywhere on the canvas to place an instance of that bean. Create a canvas similar to the one shown below.



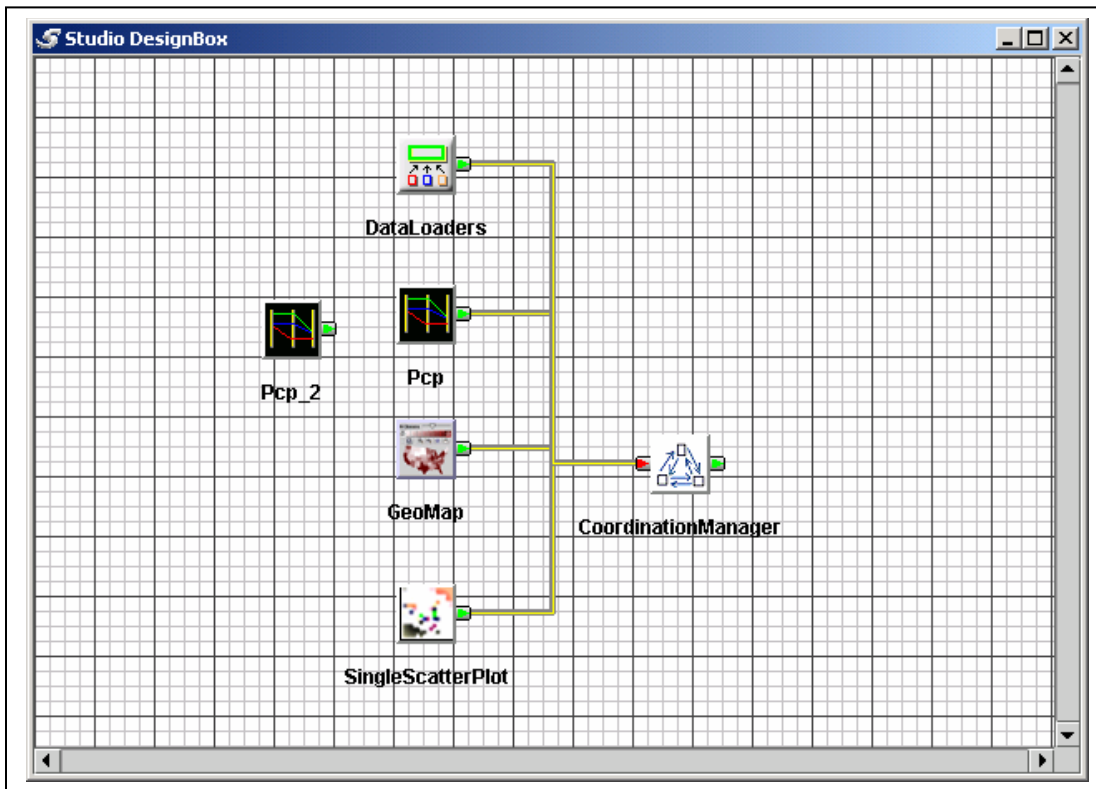
3. Link it all together:

Now, create links between the red input of the **CoordinationManager** and the green outputs of each of the following components:

- **DataLoaders**
- **Pcp**
- **GeoMap**
- **SingleScatterPlot**

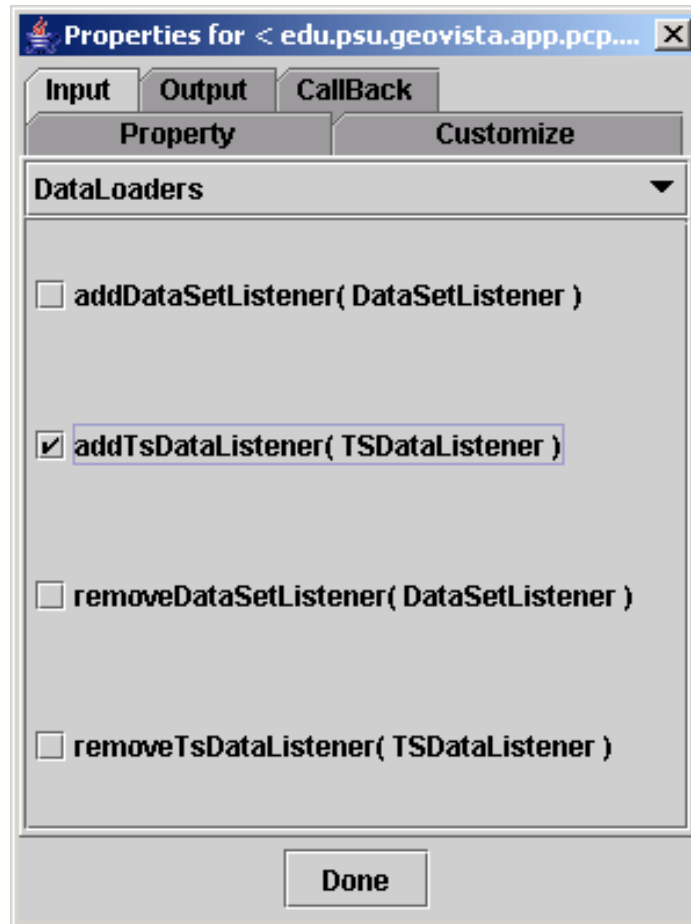
To create a link, click and hold on a green output and drag a line over to the red input of the **CoordinationManager**. Each time you create a link, a series of dialog boxes will appear. Select "Yes" each time in the first box and "Do Nothing" in the second.

Your design should look like the one below when you're finished:

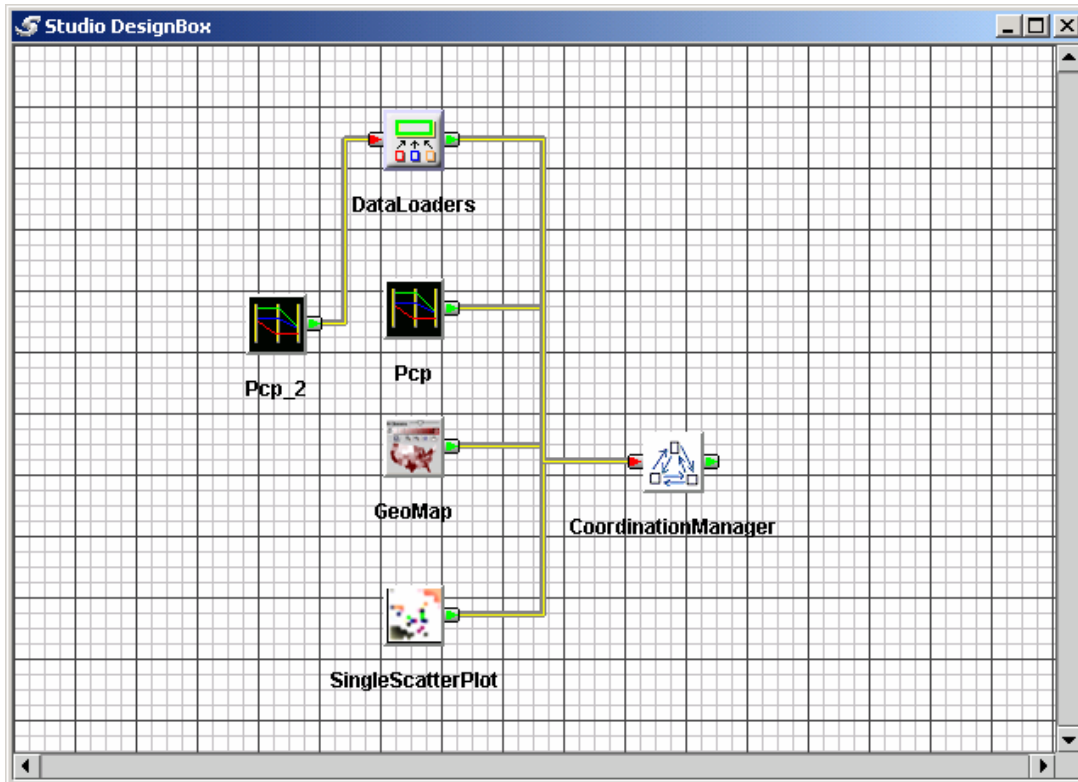


4. Linking the second PCP Bean

Right click on the **DataLoaders** bean and choose the Property menu item. Click on the Input tab, and then click the check box for **addTsDataListener**. You'll notice that a new red handle appears on the **DataLoaders** bean.



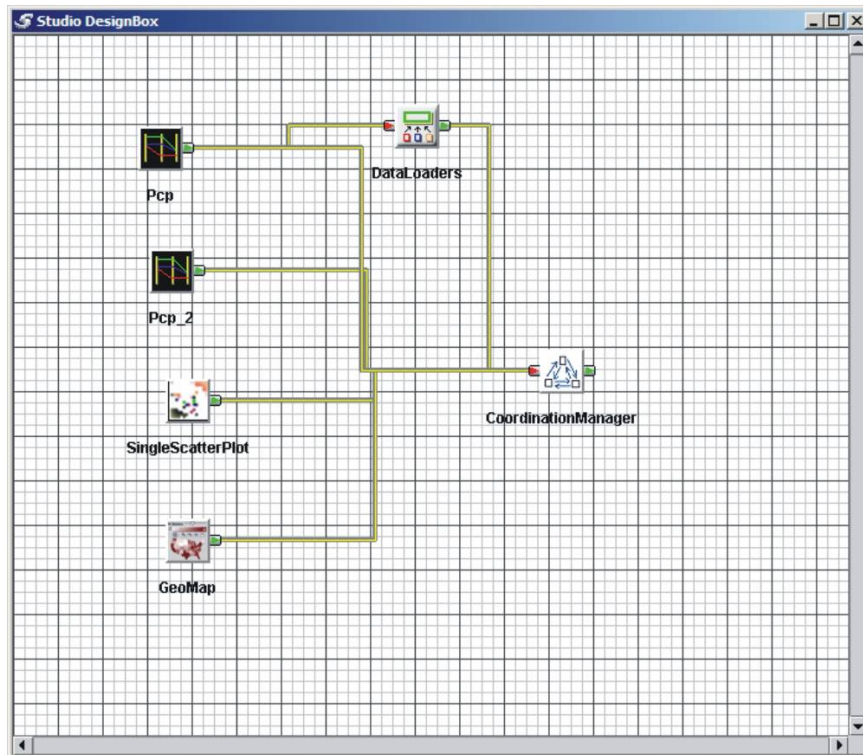
Now, create a link between the red input of the **DataLoaders** bean and the green output of **Pcp_2**.



4. Make one more connection:

Now you need to connect **Pcp_2** with the **CoordinationManager** – finishing what you had started with the other beans. To connect **Pcp_2** to the **CoordinationManager**, click and hold on its green output and drag a line over to the red input of the **CoordinationManager**. Answer the two dialog boxes the same way you did earlier in this tutorial.

Your final design should look like this:



5. Try it out:

That's it! You've built ESTAT using GeoVISTA *Studio*. Now you can tweak the interface design by manipulating the windows in the **Studio GUIBox** before you save your design and run the application.

Remember, it's important to save your design before you load data. *Studio* designs saved after data has been loaded are unreliable and non-transferable – we're working on resolving this issue!

Once you're finished changing the GUI, find the **DataLoaders** component and click the '**Load data**' button to start using ESTAT.

A step-by-step guide describing how to use ESTAT is available at

<http://www.geovista.psu.edu/grants/nci-esda/tutorials.html>

If you run into problems or would rather not build this design yourself, click here to launch a full version of **GeoVISTA Studio** that has this design pre-loaded:

<http://www.geovistastudio.psu.edu/autobuild/gvstudio-ESTAT.jnlp>

Questions or comments? We welcome your input! Email us at arobinson@psu.edu