

# Demonstration Video

## Voxler – Part 2

### Loading Data, Creating a ScatterPlot, and Saving/Exporting

#### PART 2

1. Introduction
  2. Loading Data
  3. Creating a ScatterPlot
  4. Saving/Exporting
- 

1. In this part I will demonstrate how to load a data set, create a scatter plot, and save the data set. We will use the sample data set xyz1, found in the Voxler Samples folder.
2. To load the data go to File | Load Data, navigate to the Voxler Data folder. Select xyz1.dat and click Open.
  - a. The Data Import Options dialog box will open. This dialog box allows you to change which line Voxler starts importing data from, set the data delimiters, and specify other parameters determining how the data is imported into Voxler. For the purposes of this demonstration the default settings are fine so click the OK button.
  - b. The Select Data Columns dialog box will open next. This screen allows you to choose the data columns that are imported into Voxler. Once again the default setting will be used so click the OK button once again.
  - c. You have now imported the data into Voxler. Xyzc1.dat now appears in the network window.
3. The next step is to graph the scatter plot. To do this select xyzc1.dat in the network window, and in the module library window double click ScatterPlot from the Graphics Output folder. The ScatterPlot module appears in the network window and the graphical scatter plot appears in the viewer window.
  - a. You can rotate the scatter plot and zoom in and out.
  - b. I will now add a bounding box to the scatter plot. A bounding box is useful because it shows the extents of the data. Select xyzc1.dat in the network window, and in the module library double click on BoundingBox under the Graphics Output folder. The BoundingBox module appears in the network window and a yellow bounding box is displayed in the viewer window.
  - c. Axes can also be added to the graph by selecting the xyzc1.dat module from the network window and double clicking on Axes in the module library. Notice all three axes are labeled with the values corresponding to the points in the scatter plot.
  - d. You can move the modules around in the network window so that they are easily viewable and organized. To move the modules simply click on the module and drag it into the new location.
4. The final step is to save the file. There are three options when saving information from Voxler:

- a. The first option is to go to File | Save Network. This saves the data set, and all modules as a network file.
- b. The second option is to go to File | Save Data. This saves the data corresponding to a specific selected module for later use in Voxler or other software.
- c. The third option is to go to File | Export. This exports the current image in the viewer window as a graphical file such as a bitmap or JPEG. You can import this image into other applications, such as Microsoft Word or PowerPoint for reports and presentations.
- d. For this demonstration I will select the XXX module [input module name] and go to File | Save Data. Choose the location you want to save the file to from the pull down menu at the top, select the appropriate file type from the pull down menu at the bottom, type the file name in the File name box, and click save.