

Trace to Sequence Diagram Conversion

Convert Sample Trace to Sequence Diagram

1. Download and install EventStudio 5 - <http://www.EventHelix.com/EventStudio/>
2. Download and install Python 2.7 - <http://www.python.org/>
3. Add Python to the default search path. See the help for your version of Windows for the exact command. On Windows 7, the steps are:
 - a. From the start menu, select **Computer**
 - b. From Computer click **System properties**.
 - c. On the System Properties window, click the **Advanced system settings**.
 - d. Select the Advanced tab from the displayed dialog.
 - e. Click the Environment Variables button.
 - f. Highlight the Path Variable section and click the **Edit** button.
 - g. Add "C:\Python27" after a semicolon.
4. Invoke cmd from the Run menu and change to the directory where you have extracted the [tracing.zip](#) files.
5. Run the following command:

```
python trace2sequence.py -i sample_trace.txt
```

6. Double click **sequence-diagram.pdf** to open the sequence diagram.

Modifying the Scripts

1. Download and install pyscripter - <http://code.google.com/p/pyscripter/>
2. Double click on TraceVisualization.psp (pyscripter project file).
3. Edit the config.py file to customize the regular expressions to map your traces to FDL.