Using Javascript

Ever have a situation where you need to design a dashboard which is specific to a user? Or you need to know the hostname or IP address of the machine?

If you are running the server, there is an additional object that allows you to easily obtain such information.

See: http://www.elixirtech.com/release/Rep7.4.1/Repertoire-Server/ch08s04.html

Custom Javascript Chart

The following is an example of the Bindows Free Gauges Library which can be found at http://www.bindows.net/download/free_gauges/ .

The sample will only work for Elixir Repertoire Server 8.3 and Firefox only

1. Download the zip file. It demonstrates the way to incorporate Bindows custom Javascript gauge into your Elixir dashboard application.

2. Unzip the files to a designated Elixir repository, e.g. ElixirSamples. It is highly recommended that you create a separate folder to house the Bindows sample files to better group your examples.

3. Log in to the Elixir server and locate the file **SampleJSGauge.pml**. If you do not see this or any of the Bindows sample files you just downloaded, click **Refresh** within the **Administration->File Systems** screen to update the repository.

4. With the Elixir Repertoire designer, i.e remote or Windows client version, navigate to and right click **SampleJSGauge.pml** to bring up its properties window. Click **Next** to go to the Perspective HTML properties window. Edit the path to the referenced script if it is not correct. Note: if this path is incorrect, the custom Javascript gauge view in the dashboard will be blank.

5. Return to the Repertoire Server and double click **SampleJSGauge.pml** to see a working example of how Elixir utilizes custom Javascript charts.

6. To try a different gauge, edit **gauge.html** with a text editor as follows:

E.g.

*var gauge = bindows.loadGaugeIntoDiv("/repository/ElixirSamples/JS/gauges/**g_general_02**.xml", "gaugeDiv");*

It is **VERY IMPORTANT** that you insert the correct path prefix to the XML file for your test environment. Feel free to substitute **g_general_02.xml** with another XML file found in the referenced path.

Protovis Visualization

The following is an example of the Protovis library that can be found at https://nodeload.github.com/mbostock/protovis/zipball/v3.3.1

The sample will only work for Elixir Repertoire Server 8.4 beta.

1. Download the zip file. It demonstrates how to incorporate Protovis custom visualization into your Elixir dashboard application.

2. As the example uses Google map, do sign up for a Maps API key at http://code.google.com/apis/maps/signup.html.

3. Unzip the files to a designated Elixir repository, e.g. ElixirWorkspace. It is highly recommended that you create a separate folder to house the Protovis sample files to better group your examples.

4. Place the Protovis library files in *\\Protovis\lib*

5. Log in to the Elixir server and locate the file **Map.pml**. If you do not see this or any of the Protovis sample files you just downloaded, click **Refresh** within the **Administration->File Systems** screen to update the repository.

6. With the Elixir Repertoire designer, i.e remote or Windows client version, navigate to and right click **Map.pml** to bring up its properties window. Click **Next** to go to the Perspective HTML properties window. Edit the path to the referenced script if it is incorrect. Note, if this path is incorrect, the custom visualization view in the dashboard will be blank.

7. Return to the Repertoire Server and click **Map.pml** to see a working example of how Elixir utilizes custom visualization.