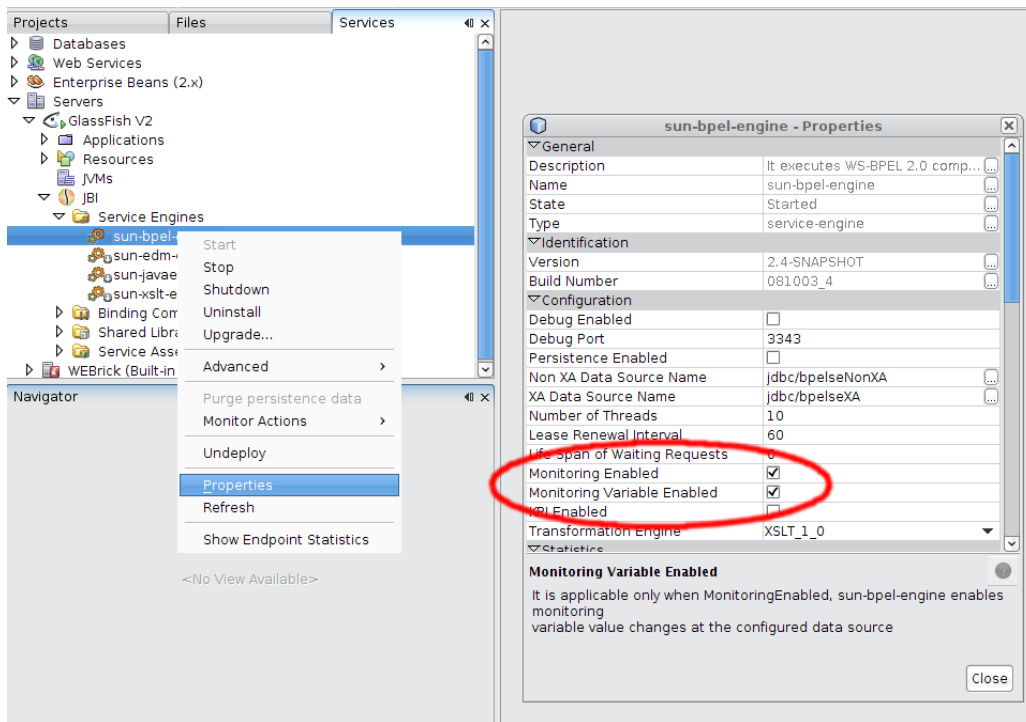


Business Process Monitor

Quick Installation Guide

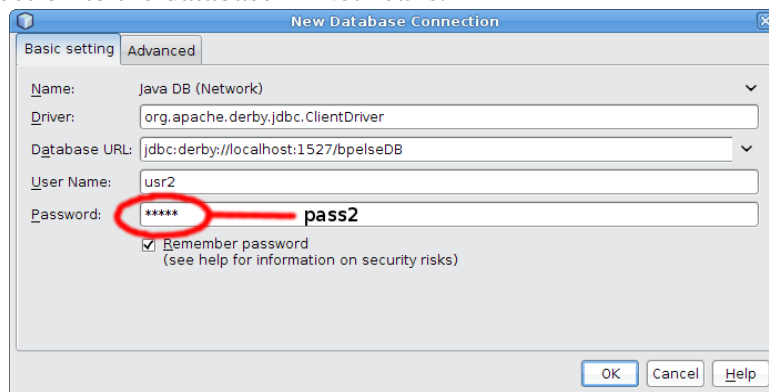
Hopefully it's obvious that you need persistence and monitoring enabled for your application. For this, the BPEL service engine needs to be running before you can access the relevant properties. The easiest way to do this is to build and deploy your composite application.

In the services tab in NetBeans, navigate to the BPEL SE in GlassFish and set the two highlighted properties:



Now, redeploy your application. This will cause the monitoring database to be created. Also run a test message through your application as this will populate tables with information which will help you set up the monitor for your application.

Next, create a connection to the database in NetBeans.



Execute the following SQL to create the table required by the monitor:

```
create table SVGMODEL (  
    suname      varchar(256)    not null,  
    bpelid      varchar(1028)   not null,  
    svg         blob            not null);  
create index SVGMODEL_IDX on SVGMODEL (suname);  
  
create table BPMONITORPREFS (  
    layout      char,  
    boundaries  int,  
    assign      int,  
    opacity     int,  
    scale       int  
);  
insert into BPMONITORPREFS values ( 'v', 1, 1, 20, 0 );
```

Now, deploy the war file (BPMonitor.war) to the application server and launch it in Firefox.

We now have the ability to automatically generate an SVG model directly from BPEL if you have not created one yourself. However, providing your own is still desirable.

From the initial screen, click on “Maintenance”. On the next page click “Add” to bring up a dialog box. If you have deployed and run your application, you should be able to select the service unit (application) and BPEL model from the drop-down lists. Browse to the SVG file which represents your model and press “Upload”. You should be presented with a plain screen which says “success”. If not, something went wrong.

Go back to the initial screen and choose “monitor”.