

Implementing the Chronoscope Plugin for Pentaho Sample Data

sd
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By leveraging the [Timepedia Chronoscope](#) framework, BizCubed has developed a method of visualising time-based data in an interactive way using standard Web technologies.

You can see a [demo](#) of this at our Pentaho Demo site. The version of Chronoscope used here works best with [standards-based Web browsers](#) like [Mozilla Firefox](#), and does not (yet) work with Internet Explorer. Our demo is down for maintenance. We apologise for any inconvenience caused.

You can read an overview of the technology and see a video in [this blog post](#).

Below is a simple HOWTO to replicate that demonstration. These steps have been tested with Pentaho 1.6.

Acknowledgments

Ray Cromwell of [Timepedia](#). He has built and maintains the Chronoscope project. Hats off to his great work. If you want some good information about AJAX and JavaScript check out his [blog](#).

Implementation Instructions

Start with a [working installation](#) of the Pentaho BI Server, with the Sample Data enabled.

Download the zip file attached [here](#). Unzip it and follow the instructions below.

"chronoscope" directory

Copy this directory to {pentaho}/pentaho-solutions/

"widget" folder

Copy this directory to {pentaho}/jboss/server/default/deploy/pentaho.war

"chronoscope.jsp" file

Place this file in {pentaho}/jboss/server/default/deploy/pentaho.war/

You will need to modify it to suit your deployment.

First, find this section (line 197) and set the location of the JS file on your Pentaho server:

```
<!-- content -->
<script type=
"text/javascript" src=
"http://localhost:8080/pentaho/widget/chronoscope.js"></script>
```

If you want to change the location of the action sequence, modify this part (line 59):

```
// Run the action sequence

try {
    runtime = ChartHelper.doAction(
"chronoscope",
"test",
"date_amount.xaction",
"chronoscope.jsp", parameters, userSession, messages,
null );
```

The solution, path, action and JSP names are respectively passed to ChartHelper.doAction.

Update Pentaho

Update the Pentaho Solutions repository — Go to the Admin page and click on "Update Solutions Repository".