

# Quick Debugging JSPs of your application

This section describes a method that will be especially useful for testing small changes in JSP files without having to go through a cumbersome reload process. This example will demonstrate configuring the plancreator plugin for **tomcat**:

1. Modify **(GERONIMO\_HOME)\var\catalina\conf\web.xml**:
  - Set the **development** parameter to **true** in the init-param to org.apache.jasper.servlet.JspServlet
  - Edit (add if doesn't exist) the **modificationTestInterval** to **0**
2. In the webapp that you intend to modify, find the web.xml and remove the **servlet** and **servlet-mapping** of the jsp you intend to modify and test.  
For example, for PlanCreator, edit the plancreator-console-tomcat-2.2-SNAPSHOT.car\WEB-INF\web.xml.
3. Restart the server with these settings in place.

Once this is done, you can modify the jsp in place and hit refresh to test it. It'll be recompiled each time.