

## Panther Web Broker without Eclipse

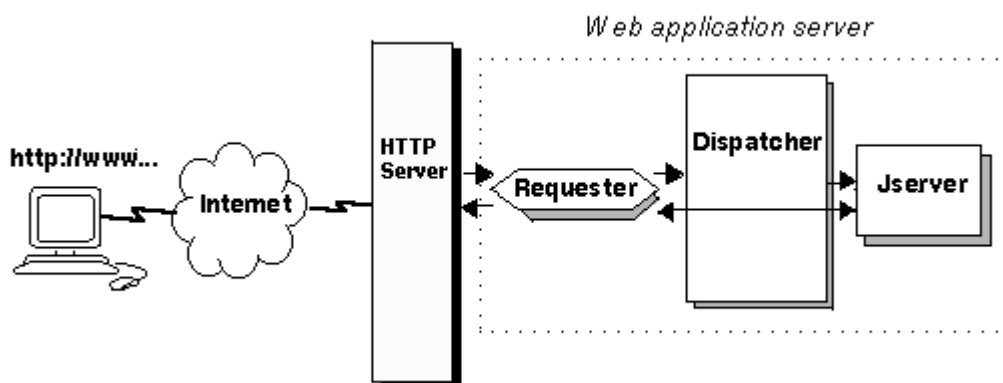
### Configure the ini (proweb.ini) file

1. Copy your ini file to C:\ Windows folder.
2. The name of this file has to match the name of the .war file.

Example proweb.ini, proweb.war

3. In the ini file set the below environment variables
  - AppDirectory=<path to your app directory>.
  - Dispatcher =<path to Dispatcher(\$SMBASE\util\dispatcher.exe)>
  - Server =<path to Jserver(\$SMBASE\util\jserver.exe)>
  - LM\_LICENSE\_FILE =<path to license file(\$SMBASE\Lisences)>
  - SMFLIBS=<path to library>

Note: Make sure SMFLIBS points to the location and name of library that your screens/jpl is located in e.g. client.lib



### Setup and Configure Tomcat and Panther Requester

Please make sure you read these instructions

[https://docs.prolifics.com/panther/html/web\\_html/javaslet.htm#87458](https://docs.prolifics.com/panther/html/web_html/javaslet.htm#87458)

1. Copy your .war file to the Tomcat webapps directory.
2. Start tomcat from your windows→services. Tomcat on startup will recognize it and add it to its applications.
3. Then just reference the below url.

localhost:8080/<application name>/<screen name>

4. Copy prowebjni.dll from **SMBASE→servlet→prowebjni.dll** to C:/Windows directory.

#### NOTES

- Make sure that JAVA\_HOME is set.
- Name of ini file and war are same.
- Make sure that Tomcat, JVM and Panther are of same bitness (32 or 64)
- Make sure CATALINA\_HOME is set to Tomcat home directory i.e "c:\ApacheTomcat".

### Startup Panther Application

1. Run "monitor -start <Application name>" command.

Open command window

Cd SMBASE\util and run the command below

monitor -start proweb

2. Look at error.log file in your app directory for errors.

### Issues that you may face:

1. The war file copied from my system did not work. The reason for it is all java files were compiled using different JVM (i.e the version which I am using is different from the one that is present in VM). So I copied the all the source files in "c:\thiru\scr" and compiled it in VM again using VM "JVM".
2. Command to compile "javac -d <Dir loc> <java file loc>".  
In my case "javac -d . c:\thiru\scr\\*.java" from <Extracted Location>\PantherServlet\WEB\_INF\classes folder.
3. Make sure servlet-api.jar is set to CLASSPATH in order to compile the .java files. You can find this jar file under "c:\thiru\ApacheTomcat\lib".  
Command to set CLASSPATH: "set CLASSPATH=%CATALINA\_HOME%\lib;%CLASSPATH%". Note no white space after are before = in command or else the command fails to run.
4. Made a new war file out of it by running "jar -cvf PantherServlet.war ." from <Extracted-Location>\PantherServlet. Now use this war file and follow the same procedure that was discussed.
5. Panther Servlet Application does not work if you use both the servers at time. The reason for this is the prowebjni.dll is already loaded into the JVM when the application is deployed in one of the server. The initialization of servlet in other server fails when you try to deploy it there.