

## **Wikiprint Book**

**Title:** jpf-shell

**Subject:** Java Path Finder - projects/jpf-shell

**Version:** 8

**Date:** 03/06/2013 12:32:54 AM

## Table of Contents

TracNav	3
<b>jpj-shell</b>	<b>3</b>
Repository	3
Installation	3
I want the sourcelinks to open in my favorite editor!	3

## [TracNav](#)

- TOC "nodeit" is empty!

## jpf-shell

This projects aims to provide a basis for the development of GUI's for JPF. Since part of the JPF ideology is that "*one size does **not** fit all*", it is expected that many different domain specific GUIs (Shells) will be developed for JPF. Jpf-shell serves to be the common framework that these GUIs can build from. Advantages of using jpf-shell include being able to launch the GUI from JPF, minimal need to modify current property configurations for JPF and integration with the Netbeans and Eclipse plugins right out of the box.

## Repository

The Mercurial repository for jpf-shell is at <http://babelfish.arc.nasa.gov/hg/jpf/jpf-shell>

## Installation

Installing jpf-shell is just like installing any other jpf project. Clone the project from the mercurial repository and run the 'build' target. After that make sure to add jpf-shell's path to the extensions property in your site.properties file. Usually adding the following lines to your site.properties will work (YMMV):

```
#Shell extention
jpf-shell = /path/to/the/shell/project/jpf-shell/
extensions+=",${jpf-shell}"
```

Now all that needs to be done is adding the following the property to your configuration:

```
shell=.shell.basicshell.BasicShell
```

When JPF is started it will now start a shell instead of running the verification.

## I want the sourcelinks to open in my favorite editor!

**Note:** If you are running starting jpf-shell from either the [eclipse-jpf?](#) or [netbeans-jpf](#) plugins then the sourcelinks will automatically use the already opened IDE. To stop this behavior go into the Preferences for the plugin and set the 'Shell Port Number' to -1.

To have jpf-shell open sourcelinks in the editor of your choice find the command that will execute the command of your choosing to open the file.

```
#jpf-shell execute will execute the value of shell.editor with #{file} and #{linenumber} replaced by the actual file path

#For netbeans
shell.editor = netbeans --open #{file}:#{linenumber}
#For vi
shell.editor = vi +#{linenumber} #{file}
```