

## **Wikiprint Book**

**Title: Tips for Bug Reporting**

**Subject: Java Path Finder - projects/jpf-mango/manual/bugReport**

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## Tips for Bug Reporting

- A good bug report should contain
  1. The plugin version. You can find the plugin version by looking in eclipse/plugins for a folder such as "gov.nasa.jpf.mango\_1.0.24.release". See [Locate the eclipse folder...](#) for information about locating the eclipse/plugins directory. If developing, please make sure you are using the most recent change set from the jpf-mango Mercurial repository, if possible, and please report your change-set number.
  1. The stack trace, if a java exception is thrown. This usually will appear in the console window. If developing, the stack trace will always appear in the debugger perspective of the base workbench.
  1. The fully qualified name of the method being specified, if relevant, and the underlying java file, if possible. If the code has dependencies, these also must be supplied so that the problem can be reproduced. If the amount of code involved is large, please try and further isolate the bug under laboratory conditions, systematically stripping away everything that is unneeded to reproduce the bug. Make your submission as lean as possible.
  1. Any error message that appears in the console. If developing, any relevant values from the debugger. For MFL expressions, please use the Expression editor to format the expression prior to submitting. This is easy to do. Just select the relevant text and click on the Expression editor [button](#).
  1. The log of the last ten or so steps leading up to the bug, from the console.
  1. Any preferences you have set that deviate from the default preferences.
  1. If you have altered the rule base, please indicate what changes you have made and submit your rule base if possible.
  1. If you have altered the MangoSystem, please indicate what changes you have made and submit your code if possible.
  1. For developers, if you have added an action, please indicate what rule(s) it is bound to and submit the action code if possible.

Please zip up your material and send to frankrimlinger+mango at gmail.com. If it is too big for email to handle, its probably too big to be analyzed. Alternatively, post the material somewhere I can reach it and let me know. If MangoHome specifications are required to reproduce the problem, please only send the delta from the MangoHome supplied in the plugin. For developers, please send the delta from the most recent MangoHome at the Mango wiki site. Note it is easy to [swap specifications](#) into MangoHome.

You may also post a **brief synopsis** of your bug at java-pathfinder@.... I will forward your bug information to anyone who expresses an interest.

Thanks, reporting bugs will really help improve Mango.