

Debugger Sanity Test results
NetBeans 7.0 Beta 2 (MacOS X 10.6.6)
JDK 1.6.0_22

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**NOTE! In MacOS X there is no src.zip attached in
Window -> Debugging -> Sources**

NOTE! In MacOS X last JDK release is JDK 1.6.0_22

Summary of the report:

passed	passed with issues	passed/failed	failed

legend:

passed - passed without any issues

passed with issues - passed but there were some issues that are not directly related to pass conditions

passed/failed - some parts of the test failed

failed - failed to meet expected results

Test suite: Evaluate Expression View

1. Expression Evaluator view: **failed**

Evaluate expression is disabled until NB stops at breakpoint

Test suite: Evaluate expression

1. Primitive types: **passed**

2. Variables: **passed**

3. Evaluation result view: **passed**

Test suite: View filters

1. Primitive filter: **passed**
2. Filter based on value: **passed/failed**

You can set filter for "Enter watch" row which may be misleading. See:

http://netbeans.org/bugzilla/show_bug.cgi?id=195245

Test suite: Basic functionality

1. Breakpoint functionality: **passed**
2. Run to cursor: **passed**
3. Run to cursor - start debugging: **passed**
4. Step Into - start debugging: **passed**
5. Step Into: **passed**
6. Step Over: **passed**
7. Step Over Expression: **passed**
8. Step Out: **passed**
9. Run Into Method: **passed**
10. Step Over Expression - Arguments: **passed**
11. Step Over Expression - Return Values: **passed**
12. Step Over Expression - Arguments 2: **passed**
13. Step Over Expression - Return Values 2: **passed**

Test suite: Apply Code Changes

1. Change method I: **passed**

Test suite: Variables view

1. **Variables:** **passed**
2. **Member variables:** **passed**
3. **Static variables:** **passed**
4. **Inherited variables:** **passed**
5. **Go to source:** **passed**
6. **Create fixed watch:** **passed**

Test suite: Breakpoints view

1. **Add line breakpoint:** **passed**
2. **Remove line breakpoint:** **passed**
3. **Add method breakpoint:** **passed**
4. **Customize breakpoint:** **passed**
5. **Disable breakpoint:** **passed**
6. **Disable all breakpoints:** **passed**
7. **Enable all breakpoints:** **passed**
8. **Remove all breakpoints:** **passed**
9. **Breakpoint highlighting:** **passed**

Test suite: Watches view

1. **Add simple watch:** **passed**
2. **Add watch expression I:** **passed**

http://netbeans.org/bugzilla/show_bug.cgi?id=195394

3. Add watch expression II: **passed**
4. Add watch expression III: **passed**
5. Add object watch: **passed**
6. Watches functionality: **passed**
7. Create fixed watch I: **passed**

Test suite: New watch dialog

1. Dialog from Watches view: **passed**
2. Dialog with code completion: **passed**
3. Code completion context I: **passed**
4. Code completion context II: **passed**

http://netbeans.org/bugzilla/show_bug.cgi?id=195398

Test suite: Threads view (Multithread)

1. Switch to thread: **passed**
2. Suspend thread: **passed**
3. Resume thread: **passed**
4. Go to source: **passed**
5. Interrupt thread: **passed**
6. Interrupt thread - Resume: **passed**
7. Interrupt thread - Go to Breakpoint: **passed**

Test suite: Line breakpoints (Multithread)

1. Suspend debugging - all threads: **passed**
2. Suspend debugging - current thread: **passed**

3. Suspend debugging - no threads: **passed**
4. Go To Source: **passed**

Test suite: Sessions view (Multithread)

1. Debug all threads: **passed**
2. Debug current thread: **passed**
3. View Session Languages: **passed**

Test suite: Resume/Suspend threads. (Multithread)

1. Suspend running thread: **passed**
2. Resume suspended thread: **passed**
3. Suspend running thread - popup menu: **passed**
4. Resume suspended thread - popup menu: **passed**
5. Multiple selection: **passed**

NOTE! When thread is suspended and is current, it is not possible to determine whether it is selected or not.

6. Set Current Thread: **passed**

Test suite: Debugging application (Multithread)

1. Stopping at breakpoints: **passed**
2. Resuming threads: **passed**
3. Change Current Thread: **passed**
4. Change Current Thread II: **passed**
5. Current Thread Chooser: **passed**
6. Monitors: **passed**
7. Deadlock detection: **passed**

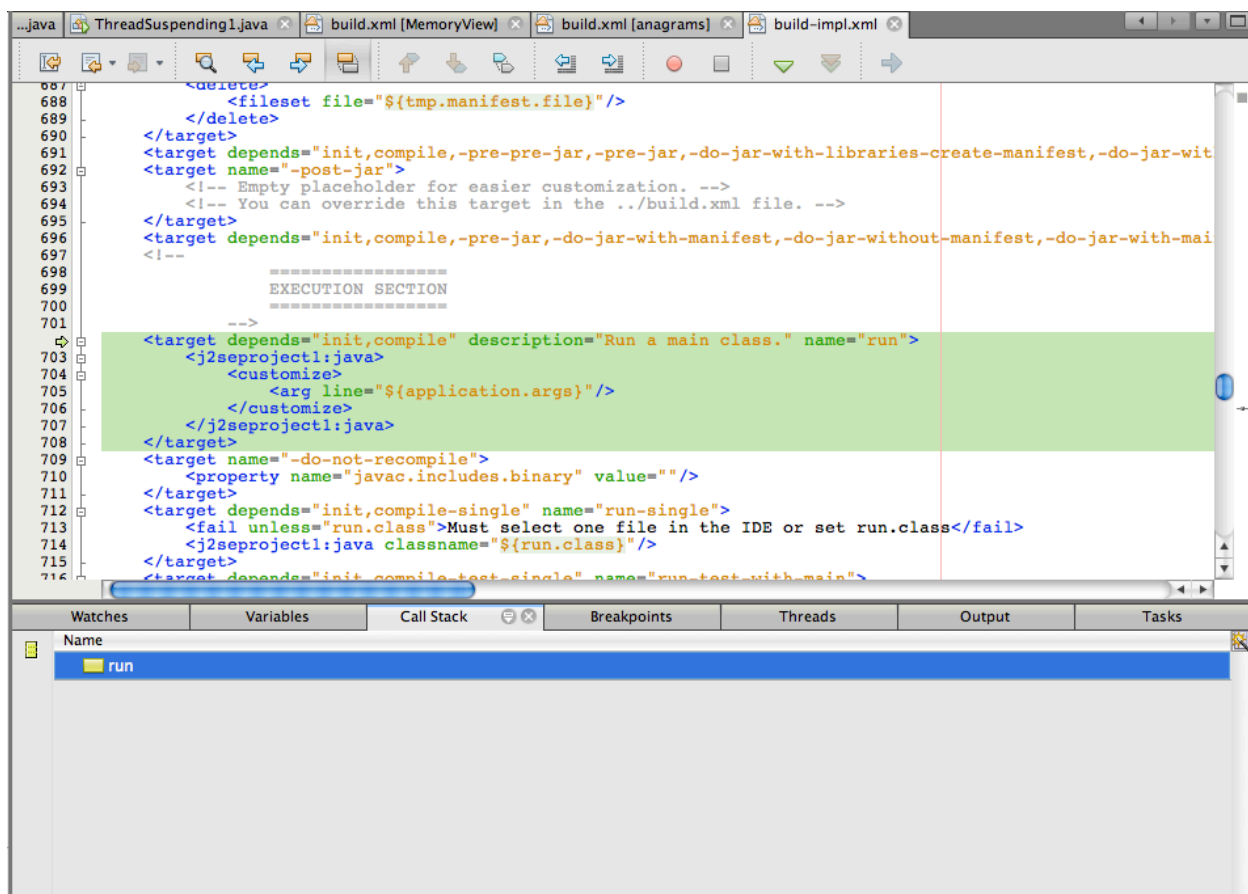
Test suite: Operations (Ant)

Purpose:

Setup: Start NetBeans with clean userdir. Open/create sample project AnagramGame. Switch to Files view.

1. Start debugging: **passed**
2. Finish debugging: **passed**
3. Step over: **passed**
4. Step into: **failed**

Call stack doesn't show expected results



5. Step out: **passed**

Test suite: Breakpoints (Ant)

1. Toggle breakpoint: **passed**
2. Breakpoint functionality: **passed**
3. Continue after breakpoint: **passed**
4. Finish debugger does not stop on breakpoint: **passed**
5. Disable breakpoint: **passed**

http://netbeans.org/bugzilla/show_bug.cgi?id=195367

Test suite: Watches & Local Variables (Ant)

1. Stop on watch: **passed**
2. Local variables: **passed**