
CIB GROUP

LibreOffice extension development

Tools, Tips & Tricks of the Trade

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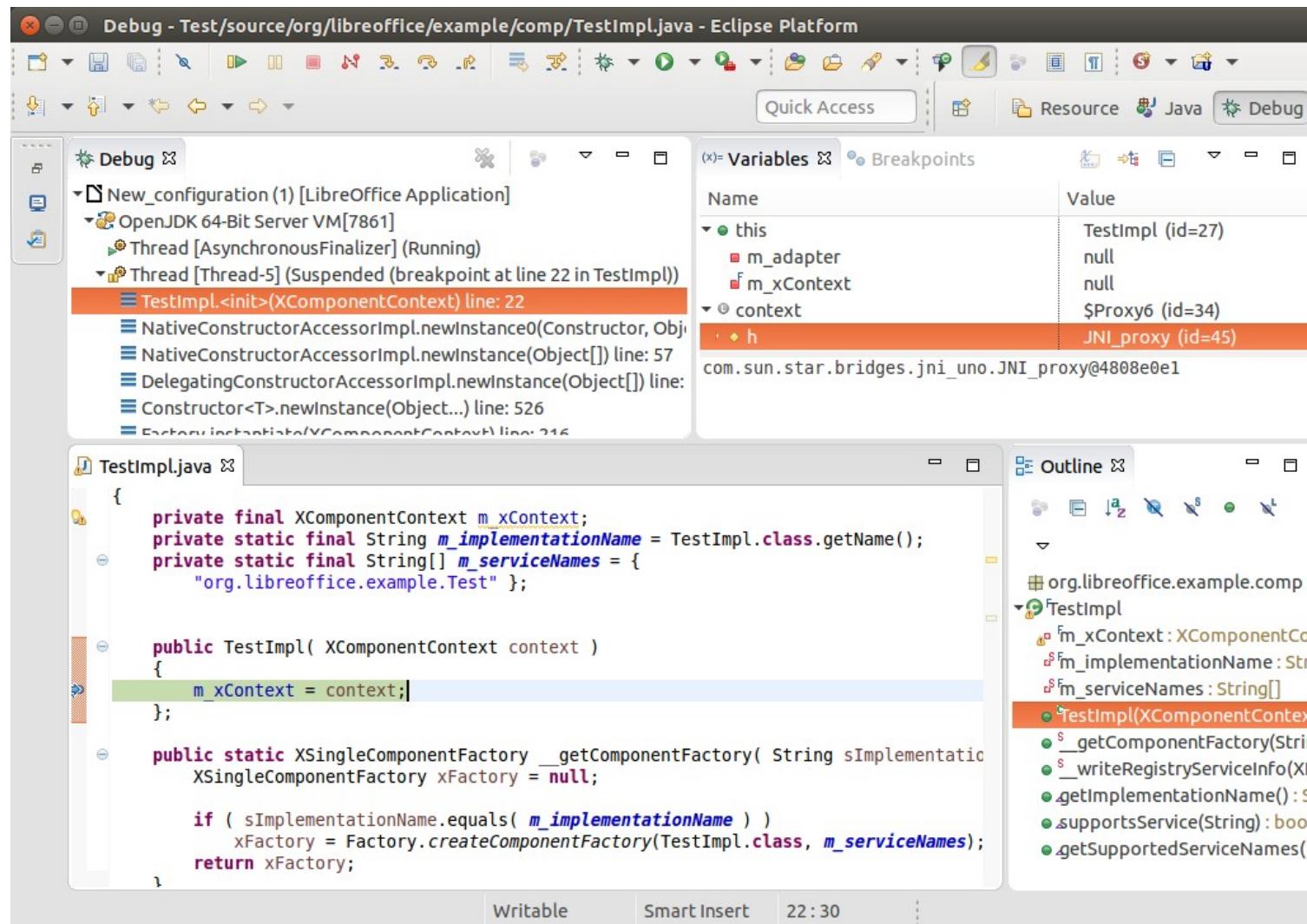
LibreOffice Eclipse Plugin

- > Work done during several GSoC periods by Cedric Bosdonnat (with contributions by Dan Corneanu, Oliver Specht, and Ludovic Smadja)
- > Fixed & improved to work with LibreOffice by Samuel Mehrbrodt:
[https://smehrbrodt.wordpress.com/2016/01/08/
libreoffice-and-eclipse-loeclipse-2-0-releas
ed/](https://smehrbrodt.wordpress.com/2016/01/08/libreoffice-and-eclipse-loeclipse-2-0-released/)
- > Grab it here:
<http://eclipse-plugins.libreoffice.org/>

LibreOffice Eclipse Plugin: Selling points

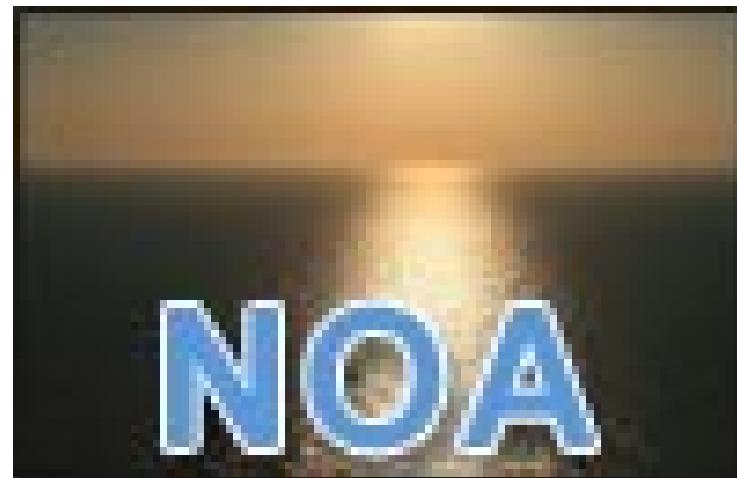
- > Wizard-based extension development
- > Streamlined deployment & debugging experience:
 - Deploy on press of a button, optionally into separate userdir
 - Debugging deployed extensions from inside Eclipse IDE

LibreOffice Eclipse Plugin: Debugging



NOA-Libre: Nice Access to Office API

- > high level functions for common stuff
- > Done by IOn AG, originally:
<http://ubion.ion.ag/solutions/004niceofficeaccess>
- > LibreOffice version here:
<https://github.com/LibreOffice/noa-libre>



NOA-Libre: Nice Access to Office API

- > lightweight UNO wrapper API for many UNO interfaces
- > access to underlying UNO interfaces from wrapper objects
- > Now able to use in-tree Office jars, and build against maven
- > Used in production for a large OSGI-Plugin based Rich-Client Java application

JEXO: Java Extension Helper

- > Developed by Benjamin Sponring, now at BRZ
- > Available here:
<http://sourceforge.net/projects/jexo/>
- > Same thrust as for NOA – simplify Office API usage



Further resources

- > Maven LibreOffice repo:
<http://repo1.maven.org/maven2/org/libreoffice/>
- > Cedric's LOEclipse Tips & Tricks:
<http://bosdonnat.fr/tag/ooeclipse.html>
- > Dmitri Popov tutorial: <http://www.linuxjournal.com/article/9412>
- > LibreOffice extensions:
https://wiki.documentfoundation.org/Development/Extension_Development
- > OOo ecosystem links:
 - https://wiki.openoffice.org/wiki/Extensions_development
 - <https://wiki.openoffice.org/wiki/JavaEclipseTuto>
 - And of course the Developer Guide as the ultimate compendium:
https://wiki.openoffice.org/wiki/Documentation/DevGuide/OpenOffice.org_Developers_Guide
- > Need for extension/api discussion list or forum?

Thanks for watching!

Q & A