**General Remarks**

This is the first release of TestExpert. It is a newly, beta-release of the product.

**New Features**

In fact everything is new here. ☺

**Improvements/Enhancements**

**Performance Improvements/Enhancements**

None at this time

**Other Improvements/Enhancements**

None at this time

**Additional Support**

jMockit and EasyMock are now fully supported. See roadmap for more in the future support for mocking frameworks.

**Bug Fixes**

Although it is not entirely interesting a short bug list which **SHOULD BE FIXED** is mentioned below:

As of 2013, November 18th, there were 34 verified issues that have been resolved:

Sometimes an import of an innerclass contains an invalid $

A variable which is not in the Fixture file should be treated as a literal and NOT as a variable in the testclass

Although TestExpert supports jMockit some issues may rise

There might be some security issues when a class can not be opened by TestExpert

Array types in the in- and out variable are not fully compliant. You have to change the generated class yourselve, which is trivial (2 seconds)

This list can be found at: <<https://issues.apache.org/ooo/buglist.cgi?cmdtype=dorem&remaction=run&namedcmd=4.0.1RelaseBlockersResolved>>

You will need an OpenOffice Bugzilla login to view it.

(An [OpenOffice Bugzilla](https://issues.apache.org/ooo/) login will enable you to search for any bugs that may interest you.)

**Important bug fixes have been made in these areas:**

* None at this time.

**The QE team has been tracking additional fixes as well. See their complete reports at:**

<http://wiki.services.openoffice.org/wiki/QA/Report/WeeklyReport>

**Known Issues**

TestExpert is not fully compliant with the Google Web Toolkit (GWT).

Some classes are not automatically imported. A click on Ctrl-O (Eclipse)

Sometimes the type of String and int are confused. This can be fixed be changing the code in the generated test class. It will be fixed in the next release.

Jad should be installed on the developer’s pc.

RoadMap

Jad should not be a requirement

**Installation guide**

Download and unzip the latest greatest source or binary from Github.

On your Java project add the TestExpert.jar from the dist directory to your classpath.

Also add the lib folder to the classpath.

Optional: install the content from the demo directory in your Eclipse environment.

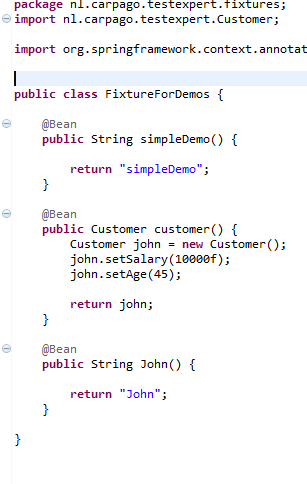
**Getting Started Guide**

After completing the installation guide above TestExpert is ready for your first experience.

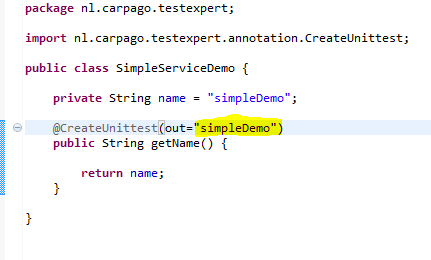
In a Java class with a method wherefore you would like to create some unittests open the desbetreffende method.

There a two ways to make a hint for TestExpert to create a unittest:

1. Use a literal: this is only possible for an int and a String
2. Use a variable: first create a so called Fixture file / class e.g.



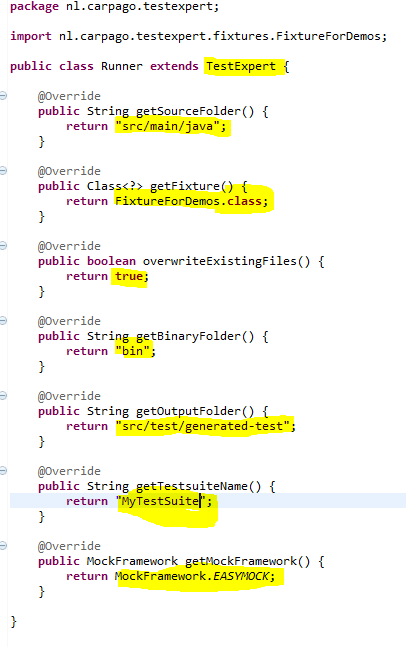
After creating a file like this you can use the method names as a variable in your class under test WITHOUT the parenthesis! So ‘simpleDemo()’ will be ‘simpleDemo’ and ‘customer’ will be ‘customer’



After added the @CreateUnittest annotations – the heart of TestExpert – it is time for the last step to generate your tests:

Create a class which extends from TestExpert. Let Eclipse or your favourite IDE implement the stubs for the needed template methods.

Implement the the template methods to your situation:



After implementing this class above, we are ready to launce this as a Junit unittest.

The testclasses will now be generated in the src/test/generated-test folder (the returned String in getOutputFolder).

Have fun!

Continue here: rloman: 2013, 11-18 d.d.

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You can also follow the project on [Twitter](https://twitter.com/#!/apacheoo), [Facebook](http://www.facebook.com/ApacheOO) and [Google+](https://plus.google.com/u/0/114598373874764163668/posts).

**Labels:**

None

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1. User icon: keith.mckenna@comcast.net

Aug 24, 2012

[**Keith N. McKenna**](https://cwiki.apache.org/confluence/display/~keith.mckenna@comcast.net)

This is a proposed template to be used for generating Release Notes or Apache OpenOffice. All comments or changes are welcome. I will start a discussion thread in the dev mailing list or discussion.

Keith

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Added section for New Features as suggested in the dev list discussion.