

NETCAT 70 - DB SUPPORT TRIBE TEST REPORT

DB TRIBE TEST REPORT – 13/02/2011

Name	OS1	OS2	OS3	OS4
Goran Mišković	Linux version 2.6.35-25-generic running on amd64			
Constantin Drabo	Windows XP on i386, 1Go RAM	Windows 7 on AMD64 , 4Go RAM	Linux (Maverick) , i386 , 2Go RAM	Solaris 10, 4Go RAM, AMD 64
Tomas Musil	Windows XP	Linux	Mac OS	

SQL Editor Test Specification

Code completion:

TestID	Observation
code_compl_001	OK - There is also DROP statement as well. However, it might be present since I am connected as root.
code_compl_002	OK - Add DROP statement also to test specifications
code_compl_003	Ok
code_compl_004	Ok
code_compl_005	Minor bug found – Code completion takes a long time on Oracle database with several schemes. (http://netbeans.org/bugzilla/show_bug.cgi?id=195391)
code_compl_006	Ok
code_compl_007	Ok
code_compl_008	Ok
code_compl_009	Ok
code_compl_010	Ok
code_compl_011	Ok – But the test specification is obsolete (completion shows “WHERE” keyword)
code_compl_012	Ok

SQL history:

TestID	Observation
history_001	Ok
history_002	No – Only one history of the same query
history_003	ok
history_004	Ok
history_005	Ok
history_005	Ok
history_006	Ok
history_007	Ok
history_008	Ok
history_009	Ok

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history_010	Ok
history_011	Ok
history_012	Ok
history_013	Ok
history_014	Ok
history_015	Ok
history_016	Ok
history_017	Ok
history_018	Ok

Various:

TestID	Observation
basic_action_001	Ok
basic_action_002	Ok
basic_action_003	No – This feature does not appear on contextual menu when selecting the query
records_number_001	Ok
show_info_001	Ok
show_info_002	Ok
sort_001	Ok
set_size_001	Ok
work_DB_001	Ok
work_DB_002	Ok
work_DB_003	Ok – Error in test specification (New row should not be added)
work_DB_004	Ok
work_DB_005	Ok
work_DB_006	No – There is button Remove, but it is disabled
work_DB_007	Ok
work_DB_008	Ok
work_DB_009	Ok
work_DB_010	Ok
work_DB_011	Ok
work_DB_012	Ok
work_DB_013	Ok
work_DB_014	Ok
work_DB_015	Ok
work_DB_016	Ok
work_DB_017	Ok
work_DB_018	Ok
work_DB_019	Ok
work_DB_020	Ok
work_DB_021	Ok
work_DB_022	Ok
work_DB_023	Ok
work_DB_024	Ok

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Database Connection Dialog Test Specification

New connection Dialog:

TestID	Observation
connection_dialog_001	No – The first window shows « Locate Driver” where we add driver
connection_dialog_002	No – This feature does not exist. Test specification be adapted
connection_dialog_003	Ok – The content of URL depend on the driver and database
connection_dialog_004	No – Test specification is not adapted to the new feature. User can choose an invalid driver, but the button “ok” is disabled.
connection_dialog_005	Ok
connection_dialog_006	No - "Direct URL Entry" does not exist in this release of Netbeans.
connection_dialog_007	No - "Direct URL Entry" does not exist
connection_dialog_008	Ok
connection_dialog_009	OK
connection_dialog_010	Ok
connection_dialog_011	Ok
connection_dialog_012	Ok

Integration with MySQL and PostgreSQL

Registration of MySQL:

TestID	Observation
reg_mysql_001	Ok
reg_mysql_002	No – A dialog box appears with this message : Unable to connect to the MySQL server
reg_mysql_003	Ok
reg_mysql_004	Ok
reg_mysql_005	OK – But the process to add new connection on test specification is outdated
reg_mysql_006	OK
reg_mysql_007	OK – Only if you import the old userdir in the new one
reg_mysql_008	OK - This will be the case even if the server is running. I guess that this actually depends on the server configuration. If anonymous users cannot connect to the server, then, of course, that connection cannot be detected. However, The NetBeans is assuming that root user can connect without the password. Both assumptions are wrong. No server should be ever setup in such way that anonymous user can have password or that root can connect without the password.
reg_mysql_009	Ok
reg_mysql_010	Ok
reg_mysql_011	Ok
reg_mysql_012	Ok
reg_mysql_013	No - Connecting and disconnecting was possible although the Remember

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	Password checkbox was ticked. Of course, this applies for the same session. The test specification must be updated
reg_mysql_014	Ok
reg_mysql_015	No - It makes sense on Linux and Unix. When the user does not have administrative privileges, the user will be prompted to enter root password.

Work with MySQL:

TestID	Observation
work_mysql_001	Ok – There is also “Refresh”
work_mysql_002	Ok – Database to which user has access will be available as child nodes
work_mysql_003	No – see reg_mysql_002 above
work_mysql_004	Ok - Rather than invoking init scripts through /etc/init.d, use the service(8) utility, e.g. service mysql stop Since the script you are attempting to invoke has been converted to an Upstart job, you may also use the stop(8) utility, e.g. start mysql mysql stop/waiting (Linux environment)
work_mysql_005	Ok - The dialog asking the user to enter path/URL to the MySQL administration tools
work_mysql_006	Ok
work_mysql_007	Ok
work_mysql_008	Ok
work_mysql_009	Ok
work_mysql_010	No
work_mysql_011	No
work_mysql_012	Ok
work_mysql_013	Ok
work_mysql_014	Ok
work_mysql_015	Ok
work_mysql_016	Ok
work_mysql_017	Ok
work_mysql_018	No – There is no option disconnect
work_mysql_019	Ok
work_mysql_020	Will be implemented in the future THIS FEATURE IS MISSING BY ALL MEANS
work_mysql_021	Will be implemented in the future THIS FEATURE IS MISSING BY ALL MEANS

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work_mysql_022	No
work_mysql_023	Ok
work_mysql_024	Ok
work_mysql_025	Ok
work_mysql_026	Ok
work_mysql_027	Ok
work_mysql_028	Ok

Work with “Sakila Sample Database” plugin:

TestID	Observation
sakila_001	No – No dialog appears where they can click on “No” button
sakila_002	Ok

Integration with PostgreSQL:

TestID	Observation
reg_postgresql_001	Will be implemented in the future

Approvals summary

Features	Date	Status
Code completion	12/02/2011 and 13/02/2011	Pass
SQL history	12/02/2011 and 13/02/2011	Pass
Various	12/02/2011 and 13/02/2011	Pass
New connection Dialog	12/02/2011 and 13/02/2011	Pass
Registration of MySQL	12/02/2011 and 13/02/2011	Pass
Work with MySQL	12/02/2011 and 13/02/2011	Pass
Work with “Sakila Sample Database” plugin	12/02/2011 and 13/02/2011	Pass
Integration with PostgreSQL	12/02/2011 and 13/02/2011	Pass

Recommendations:

The test specifications should be updated according the version of Netbeans IDE features. Lot of elements is outdated.

We suggest also reducing the number of empty rows fetched when a query must show only one row.