

Test Cases Detail/Procedure

Integration with MySQL

Registration of MySQL

Setup (e): Install MySQL server

Test Id	(t) Test Item	(i) Input Spec	(o) Output Spec	(e) Env needs	(d) Depend encies/ Notes
reg_mysql_001	Existence of necessary popup menu item	1. Rightclick "Databases" node.	1. "Register MySQL Server" popup menu item should exist.		OK
reg_mysql_002	Register invalid MySQL	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify invalid MySQL server parameters and click "OK".	2. MySQL server node with specified parameters should appear, but with mark '(not connected)'.	See #work_mysql_003	NO
reg_mysql_003	Register valid MySQL	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid MySQL server parameters and click "OK".	2. MySQL server node with specified parameters should appear, but without mark '(not connected)'.		OK
reg_mysql_004	Add new MySQL connection with admin user	1. Rightclick "Databases" node and choose "New Connection". 2. Specify valid MySQL server parameters and enter admin login/password and click "OK".	2. MySQL connection should appear and also MySQL server node with specified parameters should appear, without mark '(not connected)'.		OK
reg_mysql_005	Add new MySQL connection with non admin user	1. Rightclick "Databases" node and choose "New Connection". 2. Specify valid MySQL server parameters and enter non admin login/password and click "OK".	2. Only MySQL connection should appear and no MySQL server node.		OK
reg_mysql_006	Detection of running server	1. Run MySQL on the local host at the default port of 3306.	2. MySQL server node should be automatically registered.		OK

		2. Start IDE with fresh userdir.			
reg_mysql_007	Detection of existing MySQL connection	1. Registered MySQL connection with the Database Explorer. 2. Start IDE with fresh userdir.	2. MySQL connection node should be automatically registered using the properties defined on the connection..		?
reg_mysql_008	Detection of a standard installation	1. Install MySQL on default path (see default path , which can be used in this test case). 2. Start IDE with fresh userdir. Note that MySQL server have to be shutdown.	2. MySQL server node should be automatically registered and should appear with mark '(not connected)'.		OK
reg_mysql_009	Disabling of auto-registration after removing of server	1. Run MySQL on the local host at the default port of 3306. 2. Start IDE with fresh userdir. 3. Delete auto-registered MySQL server. 4. Restart IDE.	4. MySQL server shouldn't be auto-registered.		OK
reg_mysql_010	Cancel	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Press "Cancel" button.	2. "Register MySQL Server" dialog should disappear.		OK
reg_mysql_011	Help	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Press "Help" button.	2. Help window should appear with appropriatetopic in it..		OK
reg_mysql_012	Save password	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid MySQL server parameters, check "Remember Password" checkbox and click "OK". 3. Disconnect from	2. MySQL server node with specified parameters should appear and connection should be established. 3. Connection should be established.		OK

		the server and reconnect again.			
reg_mysql_013	Don't save password	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid MySQL server parameters, uncheck "Remember Password" checkbox and click "OK". 3. Disconnect from the server and reconnect again.	2. MySQL server node with specified parameters should appear and connection should be established. 3. Dialog with field for password should appear for establishing connection.		NO
reg_mysql_014	Register MySQL with admin properties	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid MySQL server parameters and specify admin properties. 3. Rightclick MySQL server's node.	3. "Start" and "Stop" menu should be enabled.		OK
reg_mysql_015	Register MySQL without admin properties	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid MySQL server parameters, but don't specify admin properties. 3. Rightclick MySQL server's node.	3. "Start" and "Stop" menu should be disabled.		NO

Work with MySQL

Setup (e): Install MySQL server

Test Id	(t) Test Item	(i) Input Spec	(o) Output Spec	(e) Env needs	(d) Dependencies/ Notes
work_mysql_001	Existence of necessary popup menu item	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid	3. Popup menu item should contain following items: "Create Database...", "Start", "Stop",		OK

		MySQL server parameters and click "OK". 3. Rightclick MySQL server node.	"Connect", "Disconnect", "Delete", "Run Administration Tool", "Properties".		
work_mysql_002	Existence of certain databases	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid MySQL server parameters and click "OK". 3. Expand MySQL server node.	3. Databases, which exist on server, should be available as subnodes.		OK
work_mysql_003	Wrong MySQL server admin properties	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify invalid admin properties.	2. OK button should be disabled..	See #reg_mysql_002	NO
work_mysql_004	Start MySQL server	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid admin properties for MySQL server and click "OK". 3. Rightclick MySQL server node and choose "Start".	3. MySQL server should be started.	http://netbeans.org/bugzilla/show_bug.cgi?id=195402	OK
work_mysql_005	Stop MySQL server	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid admin properties for MySQL server and click "OK". 3. Rightclick MySQL server node and choose "Start". 4. Rightclick MySQL server node and choose "Stop".	4. MySQL server should be stopped.	http://netbeans.org/bugzilla/show_bug.cgi?id=195402	OK
work_mysql_006	Run Administration Tool without set admin properties	1. Rightclick "Databases" node and choose "Register MySQL Server".	3. Dialog should appear with proposal to set admin properties.		OK

		<p>2. Specify valid basic properties for MySQL server, but don't specify admin properties and click "OK".</p> <p>3. Rightclick MySQL server node and choose "Run Administration Tool".</p>			
work_mysql_007	Run Administration Tool with set admin properties	<p>1. Rightclick "Databases" node and choose "Register MySQL Server".</p> <p>2. Specify valid basic properties for MySQL server, specify admin properties and click "OK".</p> <p>3. Rightclick MySQL server node and choose "Run Administration Tool".</p>	3. Administration Tool should be invoked.		OK
work_mysql_008	MySQL properties	<p>1. Rightclick "Databases" node and choose "Register MySQL Server".</p> <p>2. Specify valid basic properties for MySQL server and click "OK".</p> <p>3. Rightclick MySQL server node and choose "Properties".</p>	3. Properties dialog should appear.		OK
work_mysql_009	Delete MySQL server	<p>1. Rightclick "Databases" node and choose "Register MySQL Server".</p> <p>2. Specify valid basic properties for MySQL server and click "OK".</p> <p>3. Rightclick MySQL server node and choose "Delete".</p>	3. After confirmation MySQL server node should be deleted.		OK
work_m	Create standard	1. Rightclick	4. Message that user	http://ne	NO

mysql_010	DB with user, who hasn't admin privileges	<p>"Databases" node and choose "Register MySQL Server".</p> <p>2. Specify valid basic properties for MySQL server, but with user, who hasn't admin privileges, and click "OK".</p> <p>3. Rightclick MySQL server node and choose "Create Database...".</p> <p>4. Choose database "sample" and click OK.</p>	aren't granted should appear.	tbeans.org/bugzilla/show_bug.cgi?id=195404	
work_mysql_011	Create standard DB without data for user, who has admin privileges	<p>1. Rightclick "Databases" node and choose "Register MySQL Server".</p> <p>2. Specify valid basic properties for MySQL server with user, who has admin privileges, and click "OK".</p> <p>3. Rightclick MySQL server node and choose "Create Database...".</p> <p>4. Choose database "sample" and click OK.</p> <p>5. In appeared dialog click "No".</p>	5. Database "sample" should be created, but it shouldn't contain any data.	See #NoDialog	NO
work_mysql_012	Create standard DB with data for user, who has admin privileges	<p>1. Rightclick "Databases" node and choose "Register MySQL Server".</p> <p>2. Specify valid basic properties for MySQL server with user, who has admin privileges, and click "OK".</p> <p>3. Rightclick MySQL server node and choose "Create Database...".</p> <p>4. Choose database "sample" and click</p>	5. Database "sample" should be created and it should contain data.		OK

		OK. 5. In appeared dialog click "Yes".			
work_mysql_013	Create standard DB with user, who has admin privileges	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid basic properties for MySQL server with user, who has admin privileges, and click "OK". 3. Rightclick MySQL server node and choose "Create Database...". 4. Choose database "sample" and click OK.	4. Database "sample" should be created.		OK
work_mysql_014	Create existing database	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid basic properties for MySQL server with admin user and click "OK". 3. Rightclick MySQL server node and choose "Create Database...". 4. Choose database "sample" and click OK. 5. Rightclick MySQL server node again and choose "Create Database...". 6. Choose database "sample" and click OK.	6. Message that database exists should appear.		OK
work_mysql_015	List of standard databases	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid basic properties for MySQL server with	3. Dropdown List should contain 'sample', 'vir' and 'travel' databases.		OK

		admin user and click "OK". 3. Rightclick MySQL server node and choose "Create Database...".			
work_mysql_016	Create non standard DB with admin user	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid basic properties for MySQL server with admin user and click "OK". 3. Rightclick MySQL server node and choose "Create Database...". 4. Enter "test" in "Database Name" field and click OK.	4. Database "test" should be created.		OK
work_mysql_017	Connect to database	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid basic properties for MySQL server with admin user and click "OK". 3. Expand MySQL server node, rightclick one of database from the list and choose "Connect". 4. Specify password and click "OK".	4. Selected database should appear in connections tree as a node and it should be connected.		OK
work_mysql_018	Disconnect from database	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid basic properties for MySQL server with admin user and click "OK". 3. Expand MySQL server node,	5. Selected database should be disconnected.		NO

		<p>rightclick one of database from the list and choose "Connect".</p> <p>4. Specify password and click "OK".</p> <p>5. Rightclick database and click "Disconnect".</p>			
work_mysql_019	Delete database	<p>1. Rightclick "Databases" node and choose "Register MySQL Server".</p> <p>2. Specify valid basic properties for MySQL server with admin user and click "OK".</p> <p>3. Expand MySQL server node, rightclick one of database from the list and choose "Connect".</p> <p>4. Specify password and click "OK".</p> <p>5. Rightclick database and click "Delete".</p>	5. Selected database should be deleted.		OK
work_mysql_020	Invoke MySQL Workbench	<p>1. Rightclick "Databases" node and choose "Register MySQL Server".</p> <p>2. Specify valid basic properties for MySQL server with admin user and click "OK".</p> <p>3. Invoke MySQL Workbench.</p>	3. MySQL Workbench should be invoked.		<p>Will be implemented in the future</p> <p>THIS FEATURE IS MISSING BY ALL MEANS</p>
work_mysql_021	Show execution plan for MySQL	<p>1. Rightclick "Databases" node and choose "Register MySQL Server".</p> <p>2. Specify valid basic properties for MySQL server with admin user and click "OK".</p> <p>3. Connect to some</p>	5. The execution plan visually should be represented as a depth-first tree. The output will appear in a pane below the Table Properties in the right bottom pane.		<p>Will be implemented in the future</p> <p>THIS FEATURE IS MISSING BY ALL MEANS</p>

		<p>MySQL database and open SQL editor for it.</p> <p>4. Execute some query.</p> <p>5. Invoke "Execution plan" for the result of the query.</p>			
work_mysql_022	Create standard DB without data by typing it's name	<p>1. Rightclick "Databases" node and choose "Register MySQL Server".</p> <p>2. Specify valid basic properties for MySQL server with user, who has admin privileges, and click "OK".</p> <p>3. Rightclick MySQL server node and choose "Create Database...".</p> <p>4. Enter database name "sample" and click OK.</p> <p>5. In appeared dialog click "No".</p>	5. Database "sample" should be created, but it shouldn't contain any data.	See #NoData	NO
work_mysql_023	Create standard DB with data by typing it's name	<p>1. Rightclick "Databases" node and choose "Register MySQL Server".</p> <p>2. Specify valid basic properties for MySQL server with user, who has admin privileges, and click "OK".</p> <p>3. Rightclick MySQL server node and choose "Create Database...".</p> <p>4. Enter database name "sample" and click OK.</p> <p>5. In appeared dialog click "Yes".</p>	5. Database "sample" should be created and it should contain data.		OK
work_mysql_024	Disconnect from DBs after stopping server	<p>1. Rightclick "Databases" node and choose "Register MySQL Server".</p>	<p>4. Connection should appear.</p> <p>5. DB connection should be broken.</p>		OK

		<ol style="list-style-type: none"> Specify valid basic properties for MySQL server with user, who has admin privileges, and click "OK". Start MySQL server. Expand MySQL server node, rightclick some DB node and choose "Connect". Stop MySQL server. 			
work_mysql_025	Removing connection after removing DB from the server	<ol style="list-style-type: none"> Rightclick "Databases" node and choose "Register MySQL Server". Specify valid basic properties for MySQL server with user, who has admin privileges, and click "OK". Start MySQL server. Expand MySQL server node, rightclick some DB node and choose "Connect". Rightclick DB node under MySQL server node and choose "Delete". 	<ol style="list-style-type: none"> Connection should appear. DB should be removed and it's connection also should be removed. 		OK
work_mysql_026	Start MySQL server without admin properties	<ol style="list-style-type: none"> Rightclick "Databases" node and choose "Register MySQL Server". Specify valid basic properties for MySQL server and click "OK". Rightclick MySQL server node and choose "Start". 	<ol style="list-style-type: none"> Dialog should appear with proposal to set admin properties. 		OK
work_mysql_027	Stop MySQL server without admin properties	<ol style="list-style-type: none"> Start MySQL server. Rightclick 	<ol style="list-style-type: none"> Dialog should appear with proposal to set admin 		OK

		"Databases" node and choose "Register MySQL Server". 3. Specify valid basic properties for MySQL server and click "OK". 4. Rightclick MySQL server node and choose "Start".	properties.		
work_mysql_028	Stop MySQL server without admin properties	1. Start MySQL server. 2. Rightclick "Databases" node and choose "Register MySQL Server". 3. Specify valid basic properties for MySQL server and click "OK". 4. Remove some database with MySQL tools, rightclick MySQL server node and choose "Refresh".	4. List of available DBs should be refreshed.		OK

Work with "Sakila Sample Database" plugin

Setup (e): Install "Sakila Sample Database" plugin

Test Id	(t) Test Item	(i) Input Spec	(o) Output Spec	(e) Env needs	(d) Dependencies/ Notes
sakila_001	Create sakila DB without data	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid basic properties for MySQL server with user, who has admin privileges, and click "OK". 3. Rightclick MySQL server node and choose "Create Database...". 4. Choose database "sakila" and click OK. 5. In appeared dialog click "No".	5. Database "sakila" should be created, but it shouldn't contain any data.	#NoData	NO
sakila_002	Create sakila DB with data	1. Rightclick "Databases" node and choose "Register MySQL Server". 2. Specify valid basic	5. Database "sakila" should be created and it should contain data.		OK

		properties for MySQL server with user, who has admin privileges, and click "OK". 3. Rightclick MySQL server node and choose "Create Database...". 4. Choose database "sakila" and click OK. 5. In appeared dialog click "Yes".			
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Integration with PostgreSQL

Registration of PostgreSQL

Setup (e): Install PostgreSQL server

Test Id	(t) Test Item	(i) Input Spec	(o) Output Spec	(e) Env needs	(d) Dependencies/ Notes
reg_postgres ql_001	Detection of running server	1. Run PostgreSQL on the local host at the default port of 5432 2. Start IDE with fresh userdir.	2. PostgreSQL server node should be automatically registered with user of 'postgres' and an empty password.	Not able to connect to the PG server	Will be implemented in the future

Approvals

Reviewer Name & Title	Date	Status
Goran Miskvoic	February, 12 th 2011	pass

Product Version: NetBeans IDE 7.0 Beta 2 (Build 201102111519)

Java: 1.6.0_22; Java HotSpot(TM) 64-Bit Server VM 17.1-b03

System: Linux version 2.6.35-25-generic running on amd64; UTF-8; en_US (nb)

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Specification **MUST** be updated to reflect current state.