



Release Notes 2.5.2

g9 2.5.2

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1 News and Changes

1.1 Database Import

The Import wizards "Database Model Import - Configure JDBC type mapping" page: default jdbc driver for MySQL is now the MariaDB driver.

2 Generated code and Model Changes

2.1 Changes in generated code

Regeneration of code is necessary.

3 Dependent versions

g9 runtime libraries uses 3. party open source libraries. Supported versions in this release are:

Spring	4.2.7.RELEASE	Hibernate	5.0.7.Final
ICEfaces	4.1.1 4.0.0-GA	JSF	2.2.10
log4j	2.4.1	Jetty	9.2.6.v20141205
Jackson	2.6.3	Spring WS	2.4.0.RELEASE
Castor	1.4.1	JasperReports	6.2.0
Joda Time	2.4	Apache POI	3.9
EJB	3.2.0	Guava	18.0

4 Improvements and corrected Errors

If nothing is written in the *Release Comment* section about an error, the error is corrected and a comment is not necessary.

4.1 g9

SUP-5228 - MySQL TEXT type gives 64K length, should be 0

Release Comment: All data types where length is set to either max integer (signed 32 bit) or max long (signed 64 bit) will automatically get length unset and this will be interpreted as unlimited for the data type. In addition will MySQL types TEXT and BLOB get this behavior if the length is max short (unsigned 16 bits). If the type is TINYTEXT or TINYBLOB the length will be unset if it's value is max byte (signed 8 bits).

SUP-5279 - Importing an old model project using "Import existing.." without "copy" does not trigger a model upgrade

SUP-5310 - Occasional hang after project settings changes

Release Comment: Eclipse may stop responding after project settings changes. The changes will be recorded although the Eclipse session would have to be killed.

SUP-5342 - Flexibility shows wrong value

Release Comment: This affected Horizontal/Vertical Flexibility and Frame properties. Whereas the property sheet would show correct value, the generators could potentially pickup a different value.

SUP-5347 - Unable to add System image to resources database

SUP-5359 - NPE on Update from Domain Model when toggling "Complete Update"

SUP-5361 - Layout Content Vertical Alignment is missing

SUP-5365 - NPE on project startup

Release Comment: Exception would occur sometimes when opening projects where dependencies are not open or projects that are newer than installed plugin.

SUP-5367 - NPE when picking image for newly added image objects

4.2 Database Import

SUP-5354 - Change MySQL driver to MariaDB driver

Release Comment: MariaDB JDBC driver has replaced the MySQL driver.

SUP-5355 - NPE when previous driver no longer exists

Release Comment: Better error message when a JDBC Driver that was previously selected has been removed.

4.3 Java Domain Generator

SUP-5358 - The g9 group class should not be generated unless g9 annotations are used

Release Comment: When the Java classes are generated, the classes for groups in the domain model are no longer generated unless both of the generator configuration parameters *Generare groups* and *Generate g9 annotations* are set to *True*.

4.4 Quickstart

SUP-5356 - Remove most ICEfaces style jars from the ICEfaces example project

5 Installation

The g9 plugins contain all generators and the Java run-time jars. A list of g9 plugins is displayed using *Help > About Eclipse*, press the g9 icon and the *Plug-in Details* button.

5.1 g9 requirements

The g9 toolset consists of code that runs on Windows and Linux operating systems. The tool set runs as an Eclipse plug-in and requires Mars or newer versions of Eclipse.

5.2 Esito updatesite

The g9 Modeling Tools is available from updatesite: <http://updatesite.esito.no/g9>.

1. Start Eclipse, go to *Help > Install New Software...*
2. In the *Install dialog*, click the *Add...* button located at the top right of the dialog to add an install site. This brings up the *Add Repository* dialog
3. You can install the most recent version from the remote update site.
 - a. In the *Name* field, type **g9 update site**
 - b. In the *Location* field, type <http://updatesite.esito.no/g9>
 - c. Click OK to return to the Install dialog.
4. Select **g9 update site** in the *Work with* field and select the *Esito Modeling Tools*. Then select the *Next* button.
5. Click *Next* to confirm installation
6. Read and accept the license agreement. To continue installing, select “*I accept the terms of the license agreement*” and click *Finish*.
7. When prompted to restart Eclipse, click *Restart Now* to restart.

5.3 Local updatesite

1. Download the g9-2.5.2.zip distribution from <http://download.esito.no/downloads/tools/g9-2.5.2.zip>.
2. Unpack the g9-2.5.2.zip file to a directory of your choice, here called C:\g9
3. Start Eclipse, go to *Help > Install New Software...*
4. In the *Install dialog*, click the *Add...* button located at the top right of the dialog to add an install site. This brings up the *Add Repository* dialog
5. You can install the unpacked version from C:\g9
 - a. In the *Name* field, type **g9 local**
 - b. Press the “*Local...*” button and browse to the unpack directory, giving file name C:/g9 in the *Location* attribute.
 - c. Click OK to return to the Install dialog.
6. Select **g9 local** in the *Work with* field and select the *Esito Modeling Tools*. Then select the *Next* button.

7. Click *Next* to confirm installation
8. Read and accept the license agreement. To continue installing, select “*I accept the terms of the license agreement*” and click *Finish*.
9. When prompted to restart Eclipse, click *Restart Now* to restart.