

Oracle DDL generation and customization

The Oracle DDL script generation is based on the Velocity engine. It provides an ability to change the generated DDL script by changing the velocity template. We explain how the Oracle DDL generation works in our modeling tools and how to change the template for specific elements.

Knowledge of the Velocity Template Language is necessary for understanding, editing, or creating templates. The Velocity documentation can be downloaded from <http://click.apache.org/docs/velocity/VelocityUsersGuide.pdf>.

For more information about Oracle DDL 11g, see http://docs.oracle.com/cd/E25054_01/server.1111/e25789/sqlangu.htm.

The modeling tool Oracle DDL generation consists of the following three components:

- The Velocity engine. Oracle DDL generation is performed by the Velocity engine. The engine collects context variables and merges them into a template.
- The template. The template is a user-defined document that provides the Velocity Template Language (VTL) syntax. The VTL syntax is used to manipulate the context variables for generating the text script. The template file can be changed in the **CG Properties Editor** dialog box (in the Oracle DDL set shortcut menu, choose the **Properties** command). The default Oracle DDL template is stored in *<program installation folder>\data\DB_engineering\Oracle_template* folder.
- Context variables. Context variables are models (retrieved from OpenAPI), code engineering set information, and user-defined variables.

To identify the Oracle object, check applied Stereotypes and Tagged Values.

Related pages

- [Understanding the Oracle DDL template structure](#)
- [Customizing templates](#)
- [Utility class](#)
- [Example](#)