

Getting started

To work with Model-Based Product Line Engineering (MBPLE), you must install a plugin in your modeling tool:

- The main plugin **Product Line Engineering**, implementing generic PLE functionality, such as a Variant Realization transformation.

For integration with a specific PLE tool, you must install one more additional plugin:

- For the BigLever Software Gears™ tool you need the **MagicDraw/Gears Bridge** plugin, provided by [BigLever Software, Inc.™](#)
- For the pure-systems GmbH **pure::variants** tool, you need the **Pure Variants Integration** plugin.
- If you are a PLE tool vendor, you can also develop your own integration plugin using Open API, provided by the main PLE plugin.

To manipulate with model variants, the following software should be installed on your machine:

- MagicDraw or another modeling tool.
- [Product Line Engineering plugin](#) for the modeling tool.
- For **pure::variants** users:
 - [Pure Variants Integration plugin](#) for the modeling tool.
 - Pure::variants (5.0.0 or later).
- For **Gears** users:
 - MagicDraw/Gears Bridge plugin for the modeling tool.
 - Gears (7.7 or later).

Related pages

- [Installation, licensing, and system requirements](#)