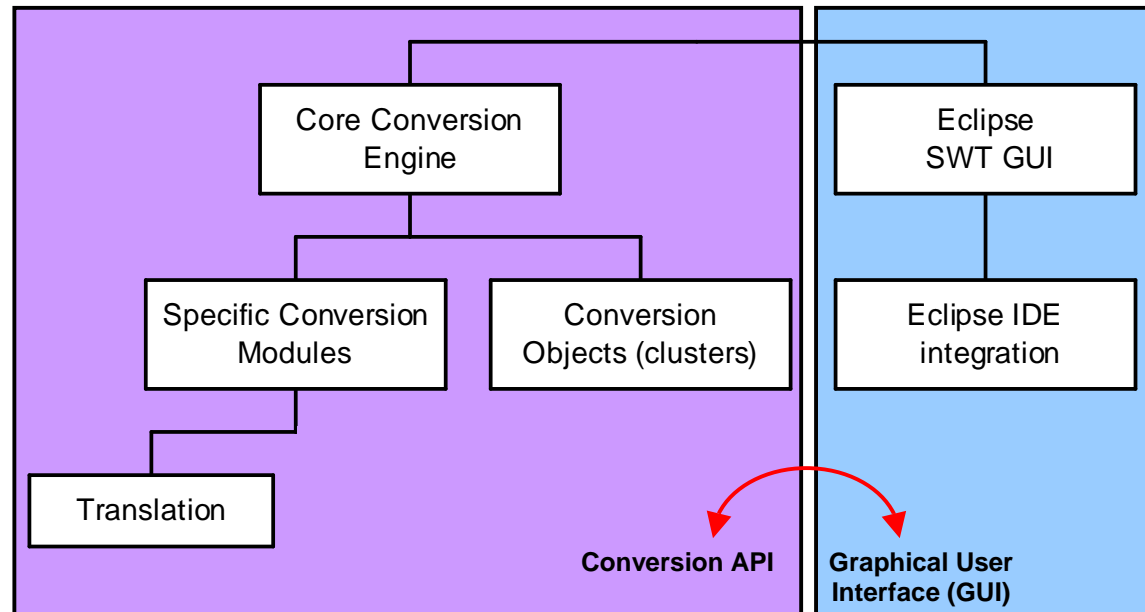


NumericalGecko Eclipse Plug-in



These are the main classes belonging to the three general parts of the plugin:

GUI and Eclipse integration (View):

GUI:

`org.numerical_gecko.SampleView` – the plugin’s GUI class. Contains both the Classic skin and the Thin skin.

`org.numerical_gecko.ViewConsts` – interface containing constants used for GUI.

`org.numerical_gecko.util.CalendarDialog` – date picker dialog, based on the open source SWT Calendar component.

Eclipse integration:

`org.numerical_gecko.preferences.GeckoPreferencePage` – the class implementing a preferences extension point, handling the plugin's preferences (GUI language and skin selection).

`org.numerical_gecko.actions.SendToConvertor` – a class extending an editor menu option extension point, offering the option of sending a selected text from the active editor to the plugin for conversion.

Model:

Core conversion engine, conversion clusters:

All packages under `jonelo.*` were used as is.

Specific conversion modules:

`org.numerical_gecko.clusters.ClusterTranslation` – a new `ClusterObject` offering translation to and from ten different languages. This cluster uses a web service, its client source code is located in the package `net.webservicex.www.*`.

Controller:

`org.numerical_gecko.Controller` – the bridge between `SampleView` and the `Cluster` objects. Performs conversions and reacts to view events.