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1.1 **Main**

Overview

This is an ArgoUML module which allow the user to run Maven on an AndroMDA model from inside ArgoUML.

The module also provide features for setting environment variables before running Maven and to create new AndroMDA project via a wizard dialog.
1.2 **Deliverables**

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**Distributions**

The following distributions of the ArgoUML AndroMDA module are available:

- `argouml-andromda-module-0.4.zip` - Zipped binary distribution
1.3 Documentation
1.3.1 Installation

Installation

To install the module into your local ArgoUML installation:

Retrieve the module from the website and extract it in the \$\{ARGOUML_HOME\}/ext folder.
1.3.2 Configuration

Setup

To use the module with UML models generated by the `maven:andromdapp` plugin, you need to use the version of MDR shipped with AndroMDA.

To install the libraries, do the following:

- Create a temporary folder and move into it the files `jmiutils.jar`, `mdrapi.jar`, `nbmdr.jar`, `openide-util.jar` shipped with ArgoUML.
- The MDR libraries of AndroMDA are located in the folder `${ANDROMDA_HOME}/lib/mdr/jars`. Copy the files contained in this folder in the folder where is installed ArgoUML.
- Rename the MDR libraries in the folder of ArgoUML so they don't have a timestamp extension (like `-20060630`) and have the same name than the originals shipped with Argo

`${ANDROMDA_HOME}` represent the folder where is installed AndroMDA on your computer.
1.3.3 Usage

Create a new project

This functionality help you create a new AndroMDA project from inside ArgoUML. To use it, select the menu tool and then the menu item Create new Project.

When you click on the Create new project item a dialog appear on the screen.

Use the buttons Next and Previous to navigate among the screens of the dialog.

Use the button Finish in the last screen of the dialog to validate your choices and launch Maven.

The first screen of the dialog allow to set general properties of the project:
The second screen of the dialog allow to set properties of the project:
The third screen of the dialog allow to set general properties of the project:
The fourth screen of the dialog allow to choose the folder where will be generated the project:
To launch the creation of the project by Maven, click on the **Finish** button.

After having clicked on the **Finish** button, a window presenting the output of the Maven process appear.

**Launch Maven on current project**

This functionality launch Maven on the current model. To use it, save your project in XMI and select the menu **Tool** and then the menu item **Launch Maven**.

When you click on the **Create new project item** a dialog appear on the screen.
Use the buttons **Close** to hide the Maven output. Artifacts for the project are now generated and you can see them in subfolders of the project root.
1.3.4 Options

Options and settings

To be written.
1.3.5 Bugs and limitations

Limitations

There is at least the following limitations:

- Loading and saving isn’t automatic when using the AndroMDA module functions.
- Inputs are only textfield in the wizards.
- There is no way to configure the Maven launch for the moment.

Known bugs

The following bugs are known:

- Sometimes the Create new project wizard is displayed at startup.
1.3.6 Todo

Todo

The following features are not developed now but should be in the near future:

- Automatic save and load of the current model when doing an AndroMDA related action.
- Extended launch mode which allow to specify which cartridge to use before running Maven.
- Parameters of the cartridges