User Manual for the installation

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- The plugin presented in this project is embedded in Eclipse Indigo, therefore, the first step is to get the IDE and install it on your computer. You can download it from this link: <u>http://www.eclipse.org/indigo/</u>, in this case it is recommended to download "Eclipse Modelling Tools" version.
- 2. Inside Eclipse you need to install Acceleo (<u>http://www.eclipse.org/acceleo/</u>). If you have the previous mentionated version, you can go to *Help->Install Modelling Components* and select Acceleo in Model To Text section:

| Java - Eclipse | Eclipse Modeling Components Discovery Pick a modeling component to install it. | 2 |
|---------------------|---|---------|
| p | Find: | Incubat |
| <u>V</u> elcome | Model To Text | |
| lelp Contents | Model to Text (also known as code generation) tools and languages. | |
| earch | 🛛 🔊 Acceleo by Eclipse.org, I | PL (i) |
| namic Help | Acceleo is a standard-based template language focused on usability pragmatism. | and |
| Assist Shift+Ctrl+I | 🔲 📡 Jet by Eclipse.org, f | PL (1) |
| and Tricks | JET is an Eclipse-based code generator framework based on JSP. | |
| and metodia | Strand by Eclipse.org, I | PL (j) |
| Sheets | Xpand is an efficient code generation framework with a statically-typ template language and support for arbitrary input model types. | ed |
| for Undates | Model To Model | |
| New Software | Model to Model tools and transformation languages. | |
| Modeling Components | 🔲 🌔 ATL by Eclipse.org, I | PL (i) |
| Marketplace | ATL is a model transformation language and toolkit, including an ATL transformation engine and an IDE for ATL. | |
| Eclinse | Operational QVT by Eclipse.org, # | PL (1) |
| | | |
| | | |
| | (?) Cancel | inish |

If you want to create input models with an UML editor for Eclipse, you can select Papyrus (<u>http://www.eclipse.org/papyrus/</u>) from the before list of components.

3. If you have installed Papyrus to create input models and you want to use all the features of the code generator, you need to install Marte UML Profile, you have to go to *Help-> Install New Software...* click on *Add...* and use this url:

http://download.eclipse.org/modeling/mdt/papyrus/extra/updates/nightly/indigo

| Add Repository | × |
|--|---|
| Marte | L <u>o</u> cal |
| rg/modeling/mdt/papyrus/extra/updates/nightly/indigo | <u>A</u> rchive |
| | |
| Cancel | ок |
| | Add Repository Marte Irg/modeling/mdt/papyrus/extra/updates/nightly/indigo Cancel |

And select MARTE profile SDK (Incubation):

| Name | Version |
|-------------------------------------|---------------------|
| V 🗐 💷 Uncategorized | |
| 🔲 🖗 Alf editor (Incubation) | 0.8.2.v201204281708 |
| 🔲 🖗 Diagram conversion (Incubation) | 0.8.2.v201204281708 |
| 🗹 🖗 MARTE profile SDK (Incubation) | 0.8.2.v201204281708 |

4. The last step is to download the plugin of generator from http://mast.unican.es/umlmast/uml2ada/download.html and unzip in your local Eclipse plugins folder, (i.e. *eclipse/plugins/*). Restart Eclipse.