

UML tool support for PIM4SOA

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1. Features for Eclipse 3.1.x

1.1. Description

The following features have been developed for Eclipse 3.1.x:

1. [EKA Metamodel Feature](#) contains plugins that implements the EKA metamodel in the Eclipse Modeling Framework (EMF).
2. [PIM4SOA Metamodel Feature](#) contains plugins that implements the PIM4SOA metamodel in the Eclipse Modeling Framework (EMF).
3. [PIM4SOA to XSD Transformation Feature](#) contains model transformations that support the generation of XSD files from a PIM4SOA model.
4. [PIM4SOA to WSDL Transformation Feature](#) contains model transformations that support the generation of WSDL files from a PIM4SOA model.
5. PIM4SOA Utilities Feature.

1.2. Installation

To install the features for Eclipse 3.1.x follow these instructions:

- Select "Help->Software Update->Find and Install..." from Eclipse.
- Select "Search for new features to install".
- Add a "New Remote Site...".
- Enter "http://www.modelbased.net/pim4soa/update".
- Select the update site.
- Select the features to install.
- Accept the terms in the license agreements and install the features.
- Select the install location.

2. Graphical editors for Eclipse 3.2.x

2.1. PIM4SOA Graphical Editor

See the [PIM4SOA Graphical Editor](#) page for installation instructions.

3. Features for Rational Software Modeler (RSM)

3.1. Description

The following features have been developed for Rational Software Modeler (RSM):

1. [POP* Profiles for RSM Feature](#) contains a set of UML profiles and libraries supporting enterprise modelling.
2. [PIM4SOA Profiles for RSM Feature](#) contains a set of UML profiles and libraries supporting platform-independent modelling of service-oriented architectures.
3. PIM4SOA Datatypes for RSM Feature contains a set of UML libraries containing platform-independent datatypes.
4. [Web Services Profiles for RSM Feature](#) contains a set of UML profiles and libraries supporting Web service standards such as XSD, WSDL and BPEL.
5. [EKA Metamodel Feature](#) contains plugins that implements the EKA metamodel in the Eclipse Modeling Framework (EMF).
6. [PIM4SOA Metamodel Feature](#) contains plugins that implements the PIM4SOA metamodel in the Eclipse Modeling Framework (EMF).
7. MTF Transformation Feature contains a set of model transformations developed for the Model Transformation Framework (MTF).
8. [PIM4SOA to XSD Transformation Feature](#) contains model transformations that support the generation of XSD files from a PIM4SOA model.
9. [PIM4SOA to WSDL Transformation Feature](#) contains model transformations that support the generation of WSDL files from a PIM4SOA model.
10. PIM4SOA Utilities Feature.

3.2. Installation

To install the features for RSM follow these instructions:

- Select "Help->Software Update->Find and Install..." from RSM.
- Select "Search for new features to install".
- Add a "New Remote Site...".
- Enter "http://www.modelbased.net/pim4soa/rsm-update".
- Select the update site.
- Select the features to install.
- Accept the terms in the license agreements and install the features.
- Select the install location, typically "C:\Program Files\IBM\Rational\SDP\6.0\rsm\eclipse" under Windows.