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| --- | --- | --- |
| Source ExtendedServiceCompositionModel | Mapping Rules | Target  PEWSModel |
| Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 11.48.21.png | - Every Policy associated to an element (Business Collaborator, Service Activity, Action) in the source model becomes an A-Policy associated to the corresponding element in the target model  - The name attribute of a Policy in the source model becomes an Apolicy:name of the target model | Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 11.51.43.png |
| Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 13.28.06.png | - Every Variable associated to a Policy in the source model becomes a Variable associated to an A-Policy in the target model. The variables can be used in an A-Policy’s Condition of the target model  - Every Variable:name in the source model becomes a Variable:name in the target model  - Every Variable:type in the source model becomes a Variable:type in the target model | Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 13.28.06.png |
| Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 12.06.52.png | For a Rule in the source model, depending on the Event Type, the corresponding transformation in the target model is:   * Precondition Rule if the Event Type is Pre; * Postcondition Rule if the Event Type is Post; * TimeRestriction Rule if the Event Type is Time | Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 11.56.47.png |
| Source ExtendedServiceCompositionModel | Mapping Rules | Target  PEWSModel |
| Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 12.06.52.png | The Rule’s attribute event in the source model is transformed into an Event:type of the target model. In this case attribute is mapped to an entity with an attribute. The Event Type of a Rule in the target model is determined by the Rule type:   * Event Type of a Precondition Rule is *ActivityPrepared*; * Event Type of a Postcondition Rule is *ActivityPrepared*   Event Type of a TimeRestriction Rule is *TermActivity* | Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 12.07.57.png  Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 12.08.35.png |
| Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 12.04.04.png | The Rule’s attribute condition in the source model is transformed into a Condition:expression in the target model. In this case, an attribute is mapped into an entity with an attribute | Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 12.05.19.png |
| Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 13.29.40.png | The Rule:action in the source model is transformed in an Action:type in the target model. The attribute action is mapped to an entity with an attribute. In the target model an action is executed according to the rule condition value (true/false) | Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 13.30.36.png |
| Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 13.28.06.png | - Every Variable associated to a Policy in the source model becomes a Variable associated to an A-Policy in the target model. The variables can be used in an A-Policy’s Condition of the target model  - Every Variable:name in the source model becomes a Variable:name in the target model  - Every Variable:type in the source model becomes a Variable:type in the target model | Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 13.28.06.png |
| Source ExtendedServiceCompositionModel | **Mapping Rules** | **Target**  **PEWSModel** |
| Action  Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 13.54.16.png | - An Action in the source model corresponding to an *external* Business Collaborator is mapped to an Operation in target model  - The Action:name in the source model is transformed into Operation:name in the target model | Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 14.00.59.png |
| Service Activity  Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 13.49.54.png | - The ServiceActivity in the source model is mapped to a CompositeOperation in target model when more than one Actions are called.  - If CompositeOperation is generated for a given ServiceActivity then the ServiceActivity:name in the source model is mapped to CompositionOperation:name in the target model | Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 14.03.27.png |
| Control Nodes  Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 13.58.22.png | - The ControlNode in the source model is mapped to a Operator in target model. According to the type of ControlNode (merge, decision, join, fork) the expression of the CompositeOperation is:   * Sequence if no ControlNode is specified; * Parallel - Sequence for a ControlNodes pattern fork - join; * Choice – Sequence for a ControlNodes pattern decision – merge | Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 14.04.31.png |
| Business Collaborator  Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 13.51.53.png | A BusinessCollabortor:isExternal in the source model generates a NameSpaces in the target model | Macintosh HD:Users:placidoneto:Desktop:Captura de Tela 2011-11-16 às 14.09.08.png |