UML Specification and Validation

26 November 2018

In-line documentation in the transformation code should reference the rules that are being applied.

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|  | **Purpose** | UML PIM | |
|  | **Description** |  | |
|  | **File Location** |  | |
|  | **File Name** |  | |
|  | **Specification** | **Validation Criteria** | **Step** |
| 1 | Name conventions for classes, properties and relationships must follow the identified naming rules | Criteria according to document “[Syntax for names in models and bindings](https://ddi-alliance.atlassian.net/wiki/download/attachments/620691457/Syntax%20for%20names%20in%20models%20and%20bindings.docx?version=1&modificationDate=1543236684768&cacheVersion=1&api=v2)” plus additions on ISO 11170 rules, length restrictions, and prefix | Validate PIM |
| 2 | The following list of classes, properties and relationships must contain documentation | Property: Cardinality;DataType,Description  Relationship:TargetObject;Description;Source Cardinality;TargetCardinality;RelationshipType | Validate PIM |
| (3) | PIM will only contain those packages and functional views flagged for publication |  | Validate PIM |
| 4 |  |  | Validate with common UML editors. The editors have different sets of validation tests. They usually work not in batch mode and most of them require a commercial license. |