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| CEA LIST |
| Constraint Generation from the profile Developper Guide |
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| TESSIER Patrick  12/04/2013 |



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# Requirements

**ValidationReq001**: Papyrus shall validate constraints from profiles on models

**ValidationReq002**: User can precise on constraint if it can be validate live or batch, the associated error message, if it is activated by default

# Use Cases

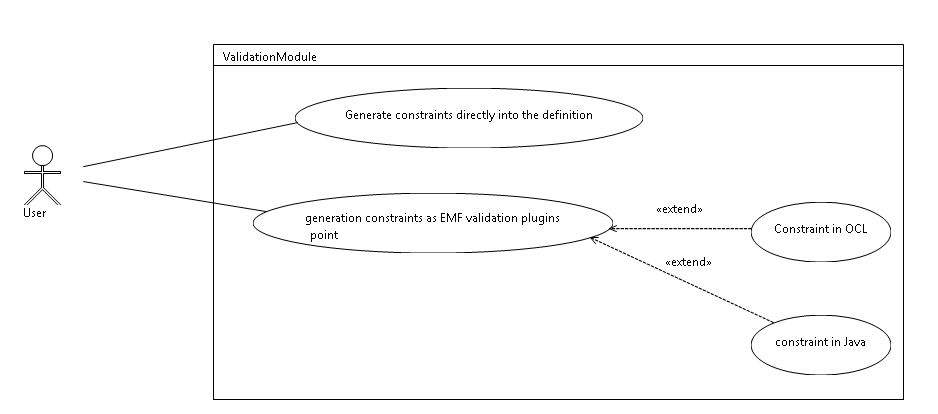


Figure 1: use cases overview

## Generate constraints directly into the definition

Constraint written in OCL in the profile can be generated into the definition of the profile and taken in charge during the validation of the model.

The problem with this use case is to know if it is possible to respect the requirement ValidationReq002.

## Generate constraints as EMF validation plugins

The user can generate plugins that wrap constraint and can be used in the EMF plugin validation.

The constraint can be generated in Java code, or directly from OCL.

## Constraint in OCL

## Constraint in Java

# Solution proposal

# Test Use case