

# REVaMP<sup>2</sup>

## REVaMP<sup>2</sup> Plugin for Interoperability Studio

A semantic approach for Feature Model extraction.



# Purpose and Main Features

## ReVaMP2 Plugin for Interoperability Studio



- Define extraction configurations:
  - Documents vs Semantic Indexing Pattern Groups to SRL.
  - Check formalized SRL.
- Run extraction algorithms over formalizations.
  - Find commonality & variability for feature modelling
- Visualize extraction results:
  - Feature model view & Templates.

# Purpose and Main Features

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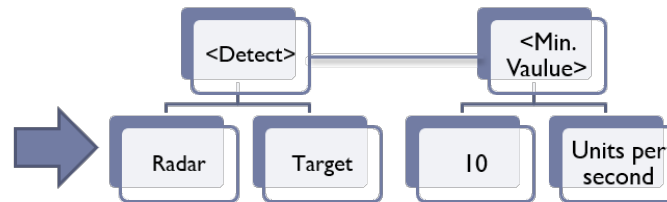
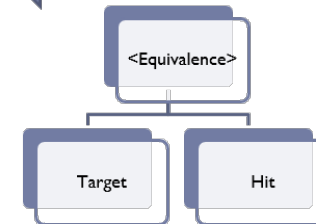
StR0168 - The **targets** shall be **detected** by the **Electromagnetic sensor** with a frequency not lower than **10 units per second**

SyR0451 - The **Radar** shall **identify hits** at a minimum rate of **10 units per second**

<Detect>  
Identify  
Discover  
Detect  
Find  
...

### Taxonomy:

System  
..Electromagnetic device  
..Electromagnetic sensor  
...Radar



StR0168 { The targets shall be detected by the Electromagnetic sensor with a frequency not lower than 10 units per second

SyR0451 { The Radar shall identify hits at a minimum rate of 10 units per second

# Example

## ReVaMP2 Plugin for Interoperability Studio

- Steps:
  1. Define the extraction configuration for the requirement specifications.
  2. Run the extraction algorithm based on indexing the documents.
  3. Visualize results in a feature model view.
  4. Instantiate the feature model and generate requirements based on the selected features and extracted templates.

# Partners and Contact Details

## ReVaMP2 Plugin for Interoperability Studio



- **Partners involved**

- The REUSE Company (TRC), Spain

- **Contact Information**

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