SysML Profile

You need to import *com.nomagic.magicdraw.sysml.util.SysMLProfile* to use this API class.

Get a string constant for each property of stereotype (tag)

Usage includes “SysMLProfile.Stereotype.*STEREOTYPE_NAME*”.

For example, SysMLProfile.RequirementStereotype.*ID* returns a string of “Id”.

Get a stereotype element

Usage includes:

“SysMLProfile.*getInstance*(project).stereotype().getStereotype()” where project refers to a project that uses SysML Profile.

“SysMLProfile.*getInstance*(element).stereotype().getStereotype()“ where element refers to the element in a project that uses SysML Profile.

For example, SysMLProfile.*getInstance*(project).block().getStereotype() returns the reference to the «Block» stereotype object.

Check if an element is stereotyped

Usage includes SysMLProfile.Stereotype.*isInstance*(Elem) where "Elem" is the element you want to check.

For example, given an element “Elem”, SysMLProfile.BlockStereotype.*isInstance*(Elem) returns *True* if the element “Elem” has «Block» stereotype applied and returns *False* otherwise.