

# 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.