

# 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.STEREOYPE\_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.