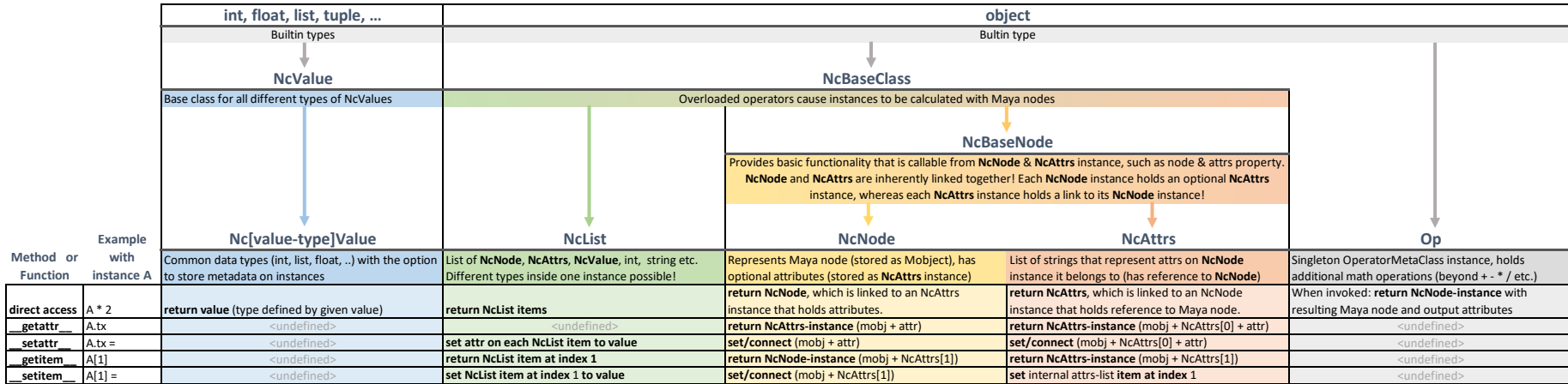


NodeCalculator cheat sheet

This chart shows class inheritance (underneath each class-type is a short description what the class is and what makes this class necessary). At the bottom are common forms of accessing instances; their behavior or return types.



Keywords

Keywords are special properties on your NodeCalculator Nodes. Use them like any other attribute on an NcList/NcNode/NcAttrs-instance:

```
nc_node = noca.Node("pCube1")
nc_node.node
```

Keyword	Value	Description	Value	Description	Value
node	<unavailable>	<unavailable>	string	Name of Maya node	string
nodes	<unavailable>	list of strings : Maya nodes inside this NcList	list of string	Name of Maya node	list of string
attrs	<unavailable>	<unavailable>	NcAttrs	Instance connected to this NcNode	NcAttrs : self
attrs_list	<unavailable>	<unavailable>	list of strings	Stored attrs	list of strings
plugs	<unavailable>	<unavailable>	list of strings	Stored plugs	list of strings

Convenience Functions

Function	Description	Examples
transform()	Create transform node (as NcNode instance).	noca.transform("myTransform", parent="myParent")
locator()	Create locator node (as NcNode instance).	noca.locator("myLocator", attrs="translation")
create_node()	Create any node type (as NcNode instance).	noca.create_node("nurbsCurve", "myCurve")

Glossary

Word	Description	Examples
node	Name of Maya node (dagPath if not unique).	pCube1, groupA pSphere1, namespace1:pTorus1
attr/attribute	Attribute on a Maya node in the scene.	tx, translateX, v, visibility, input3D[0].input3Dx
plug	Combination of node and attribute; node.attr	pCube1.tx, groupA pSphere1.visibility
array plug	A plug that allows any number of connections.	"input3D" is the array plug of the plugs "input3D[j]".
array plug element	A specific plug of an array plug.	"input3D[7]" is an array plug element of "input3D".
parent plug	A plug that can be split into child plugs.	"translate" is the parent plug of ["tx", "ty", "tz"].
child plug	A plug that makes up part of a parent plug.	"translateX" is a child plug of "translate".