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Description of what have been used for the peripheral server

First at all create a class as a children of root

class

attribute	use
name	to define the name of the class

children	use
cachevariable	define a variable/register for this class(one of these for each method) it will be accessible for client of the peripheralServer
configentry	define a configuration option (will be defined in config.xml)
devicelogic	define if the class as an internal logic (needed if there is a method)
hasobject	define which class this class contain
method	define that the class have a method (one of these for each methode)

cachevariable

attribute	use
initializeWith	Always with <i>valueAndStatus</i>
dataType	the type of the data
name	the name of the variable
nullPolicy	always <i>nullForbidden</i>
addressSpaceWrite	<i>delegated</i> will create a function when this variable is written by client <i>regular</i> in other cases
initialStatus	Initial State for opcUa clients
initialValue	the initial value of the variable

configentry

attribute	use
dataType	The types of the data
name	The name of the configuration paramater
storedInDeviceObject	<i>true</i> if it will be called by the device logic

hasobject

attribute	use
instantiateUsing	Always <i>configuration</i>
class	Name of the sub-class

method

attribute	use
name	name of the method
executionSynchronicity	<i>synchronous</i> see the 62541 commentary

children	use
argument	Argument of the method
returnValue	The value returned by the method

argument

dataType	The types of the data
name	The name of the argument

returnValue

dataType	The types of the data
name	The name of the Value returned

-- Main.etfortin - 2018-11-29

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