XML Definition

Native Functions are defined in an XML Schema file which is located at “cgi_studio_connector/schema/NativeFunction.xsd”. This file can be used to validate xml files and with some editors (e.g. Visual-Studio) and provide code-completion when writing the XML file.

NativeFunctionDefinition-Element

Root Element. List of Function types.

Attributes:
None

Children:

Argument	Occurrence	Description
Function	0 - *	A native function definition

Function-Element

Definition of a native Function.

Attributes:

Argument	Required	Description
name	Yes	Name of the function.
uid	Yes	Unique Id of function.
has_result	Yes	Indicates if function has a result. If set, the function needs to return a bool value and can be called for checking events. In this case an event is triggered if the function returns true and all conditions are valid.
description	No	Description of the function.

Children:

Argument	Occurrence	Description
Argument	0 - *	Argument of the function

Argument-Element

Definition of an argument of the function.

Attributes:

Argument	Required	Description
name	Yes	Name of the argument.
uid	Yes	Unique Id of argument.
type	Yes	Type of the argument. This can be any basic or complex type if intended to be used for dynamic input/output. For static values any type is supported.
description	No	Description of the argument.
is_output	No	If set, this argument is passed as a reference with the intend to use it as an output value or in a condition.

Children:

None

Revision #5
Created 2024-08-22 23:05:36 UTC by Kanai Tomoaki
Updated 2025-04-14 03:35:33 UTC by Kanai Tomoaki