DM-001

ESA

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**PAGE NUMBER** **PARAGRAPH NUMBER**

160 5

**RID SHORT TITLE**

Add name and description fields to MC::ArgumentDefinitionDetails

**DESCRIPTION OF REQUESTED CHANGE**

Add 2 fields to MC::ArgumentDefinitionDetails:

name - Type: MAL::String, Nullable: yes, Comment: "Holds the attribute name"

description - Type: MAL::String, Nullable: yes, Comment: "Holds the attribute description"

**CATEGORY OF REQUESTED CHANGE**

Recommended

**SUPPORTING ANALYSIS**

Currently the only way to provide a name and description of an Action argument is only in parent ActionDefinitionDetails.description or an external documentation. I do not think that is a desired case and it can be fixed by adding said fields to the Argument Definition Details. Preferably the name should be mandatory (not nullable). However making it optional would not invalidate the prototype and it can be made not nullable during the next full M&C book review in 5 years.

RESOLUTION

Accepted. However, I have made them not-nullable and the prototyping has been updated accordingly.

PB-01

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**PAGE NUMBER** **PARAGRAPH NUMBER**

3-29 3.3.10.1

**RID SHORT TITLE**

Add response for Parameter 'enableGeneration'

**DESCRIPTION OF REQUESTED CHANGE**

Define a response for the 'enableGeneration' operation:

OUT RESPONSE newObjInstIds : (ListMAL::Long)

The response shall contain the list of object instance identifiers for the new ParameterDefinition objects.

The interaction pattern is then changed from SUBMIT to REQUEST.

**CATEGORY OF REQUESTED CHANGE**

Recommended

**SUPPORTING ANALYSIS**

If successful, the 'enableGeneration' operation creates and stores new definition objects in the COM archive.

However, there is no response defined for the 'enableGeneration' operation, so the caller does not receive the new object instance identifiers for the new definition objects.

A response is, in fact, defined for the corresponding 'updateDefinition' operation which also creates and stores new definition objects in the COM archive.

RESOLUTION

Accepted

PB-02

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**PAGE NUMBER** **PARAGRAPH NUMBER**

3-41 3.4.8.1

**RID SHORT TITLE**

Add response for Alert 'enableGeneration'

**DESCRIPTION OF REQUESTED CHANGE**

Define a response for the 'enableGeneration' operation:

OUT RESPONSE newObjInstIds : (ListMAL::Long)

The response shall contain the list of object instance identifiers for the new AlertDefinition objects.

The interaction pattern is then changed from SUBMIT to REQUEST.

**CATEGORY OF REQUESTED CHANGE**

Recommended

**SUPPORTING ANALYSIS**

If successful, the 'enableGeneration' operation creates and stores new definition objects in the COM archive.

However, there is no response defined for the 'enableGeneration' operation, so the caller does not receive the new object instance identifiers for the new definition objects.

A response is, in fact, defined for the corresponding 'updateDefinition' operation which also creates and stores new definition objects in the COM archive.

RESOLUTION

Accepted

PB-03

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**PAGE NUMBER** **PARAGRAPH NUMBER**

3-113 3.7.9.1

**RID SHORT TITLE**

Add response for Aggregation 'enableGeneration'

**DESCRIPTION OF REQUESTED CHANGE**

Define a response for the 'enableGeneration' operation:

OUT RESPONSE newObjInstIds : (ListMAL::Long)

The response shall contain the list of object instance identifiers for the new AggregationDefinition objects.

The interaction pattern is then changed from SUBMIT to REQUEST.

**CATEGORY OF REQUESTED CHANGE**

Recommended

**SUPPORTING ANALYSIS**

If successful, the 'enableGeneration' operation creates and stores new definition objects in the COM archive.

However, there is no response defined for the 'enableGeneration' operation, so the caller does not receive the new object instance identifiers for the new definition objects.

A response is, in fact, defined for the corresponding 'updateDefinition' operation which also creates and stores new definition objects in the COM archive.

RESOLUTION

Accepted

PB-04

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**PAGE NUMBER** **PARAGRAPH NUMBER**

3-5 3.2.5

**RID SHORT TITLE**

Clarification: Action execution progress stages failure

**DESCRIPTION OF REQUESTED CHANGE**

It is not clear whether an (intermediate) progress stage can fail, or whether only the final stage can fail?

And if an (intermediate) progress can fail, does such a case imply failure of the Action instance, or can subsequent progress stages (and the Action instance) succeed afterwards?

**CATEGORY OF REQUESTED CHANGE**

Recommended

**SUPPORTING ANALYSIS**

However, there is no response defined for the 'enableGeneration' operation, so the caller does not receive the new object instance identifiers for the new definition objects.

A response is, in fact, defined for the corresponding 'updateDefinition' operation which also creates and stores new definition objects in the COM archive.

RESOLUTION

Accepted. Supporting analysis seems to have been taken from previous RID. I have clarified the text.