

# Metamodel Requirements

- Ability to store objects in a metamodel that the end user can define using a GUI in an admin window
  - Metamodel must be comprehensive – define metadata, relationship types, object types
  - When an instance of an object or relationship or metadata is added, it must be of a pre-defined type

# Metamodel Editing Tools

MENU LOCATION

- Administration
- Metamodel
- Attributes



Attributes



Templates &  
Object Types



Relationship  
Types

# Properties - CRUD

## MENU LOCATION

# Administration

# Metamodel

## Attributes

1. Read list of existing properties, select object type to see the properties for that object

Attribute Assignment

Attribute Management

Attribute Synchronization

Create, edit, copy and delete Custom Attributes

Attribute Name	Description	Type	Visio Sync		New
Acceptance Criteria	Statement of what tests will be carried out to ensure that th...	Text	Off		Edit
Actor Goal	Objectives that this actor has, in general terms.	Text	Off		Copy
Actor Tasks	Tasks that this actor performs, in general terms.	Text	Off		Delete
Alias	APM	Text	Off		
Alternate Name	eTOM	Text	On		

2. Add a new property for an object. If the property already exists, should be able to re-use it

General

Attribute Name:

Description:

Tooltip Text:

Data type:

Text

True/False

Date

Decimal

Integer

Text

List

Automatic ID

Rule Text

Is mandatory:

☐

Row Height:

Default value:

Object Type: Physical Application Component

Common Basic Attributes Release Attributes Characteristics Throughput Application

Attribute...	Descript...	Type
ID	Unique i...	Text
Category...	User-de...	Text
Source	Locatio...	Text
Owner	Owner ...	Text
Alias	APM	Text

New Tab Delete Tab Assign Attributes

# Objects - CRUD

MENU LOCATION

Administration

Metamodel

Objects

Similar to below, a flat list of object types available in the metamodel, add new as desired

Name	Description	
BPA: Process affected by Painpoint		New
BPA: Process affected by Risk		Edit
BPA: Process has Control		Copy
BPA: Process has Measure		Delete
BPA: Process impacted by Work Package		No. of Types: 208
BPA: Process Narrative		
BPA: Process Requirement		
BPA: Process uses Application		
BPMN / UML EXT: Contains		
BPMN / UML: Performs		
BPMN / UML: Sequence Flow		
BPMN: Activity has boundary Event		
BPMN: Association		
BPMN: Data Object related to Document		
BPMN: Drill Down		
BPMN: Message Flow		
CE: Driver supports Objective		

# Relationships - CRUD

MENU LOCATION

- Administration
- Metamodel
- Relationships

Name	Description
BPA: Process affected by Painpoint	
BPA: Process affected by Risk	
BPA: Process has Control	
BPA: Process has Measure	
BPA: Process impacted by Work Package	
BPA: Process Narrative	
BPA: Process Requirement	
BPA: Process uses Application	
BPMN / UML EXT: Contains	
BPMN / UML: Performs	
BPMN / UML: Sequence Flow	
BPMN: Activity has boundary Event	
BPMN: Association	
BPMN: Data Object related to Document	
BPMN: Drill Down	
BPMN: Message Flow	
CS: Policy impacts Objective	

New

Edit

Copy

Delete

No. of Types: 208

## 1. Flat list of relationship types

## 2. Definition of relationship name and from direction / to direction

Relationship Type

General

Object Types

Shape Connectors

Timestamp

Name:

BPA: Process affected by Painpoint

Description:

Direction Details

Please provide meaningful descriptions of the relationship direction.

Describe 'A' to 'B':

is affected by

Example: 'A' is affected by 'B'

Describe 'B' to 'A':

affects

Example: 'B' affects 'A'

Only allow relationships between the following combinations of iServer object types.

From	Category	To	Category	Overlap
Process	Object	Painpoint	Object	Contains
Task	Object	Painpoint	Object	Contains

New

Edit

Copy

Delete

## 3. Combinations of object types for which this relationship is valid