Auto Modeler: Unload and Upload

Upload Options

General

Column A is the name of the Object Type

Subsequent columns represent the object's properties and associations.

Properties: Column headings must match exactly the name of the Property Type

Associations: Column headings must match exactly the name of the Association Type.

If there is more than one association to another object (e.g. we might have Organizations that own a Process and Organizations that execute a Process), then the association name (what you see in brackets – see example below) must also be included in the Column heading.

A specific example is when uploaded hierarchical relationships, e.g.

Function	Function (parent)
Name of Function	Name of its parent

If you do not include "parent", the associated Function could be loaded as a child.

If Objects do not exist, they are created

When you upload, whatever is column A is first matched with what exists in the repository; if there is no match, a new object instance is created.

The same goes for associated objects.

Beware that Casewise is case-sensitive, so if an object called "Recruit staff" already exists and your source Excel file has something called "Recruit Staff", you end up will two objects.

Replace \ Append \ Merge

твс

Multiple associations: merge vs replace

The two tables below have the same result if you upload using Merge mapping, viz the Function object is associated to both XYZ and ABC (and are added to any existing associations)

Function	Physical Application Component	Physical Application Component
Name of Function	ABC	XYZ

Function	Physical Application Component
Name of Function	ABC XYZ

However, if you upload using Replace mapping, then:

In table 1, ABC replaces whatever already exists, while XYZ then replaces ABC. Result: the function is associated only to XYZ $\,$

In table 2, the contents of the cell replaces whatever already exists. Result: the function is

associated to ABC and XYZ (but not any previous associations).

Note however that you cannot use Replace mapping if any of those existing associations are shown as lines on a diagram, as replace involves deleting the association.

Delete Properties and Associations with the {empty} tag

TBC

Match by Id

The screen below is confusing. The question is not on the left, but above on the right panel: "*Drop the Id number".*

To match by Id therefore means you must choose No here.

Automodeler - Loading a Worksheet book2 :Sheet1 !A1	:D2		
Model 01 Enterprise Architecture Repository (BG_DEV2)	Drop the ID number		
Loading a Worksheet book2 :Sheet1 !A1:D2	(• No		
Are you sure you want to process object ID numbers? Only use object ID numbers when the model used for loading is the same as the one used for unloading and you intend to rename objects.			
Analyzing	< <u>N</u> ext > <u>C</u> ancel	<u>H</u> elp	Ad <u>v</u> anced

You can also match by UUID.

If the UUID is present in your spreadsheet, it will always match by UUID – you get no prompt.

You cannot transfer UUIDs or IDs to other models

TBC

Mixed Object Types

You see this screen if the object names have a colon and a name that matches a Corporate Modeler object type. For example, the screen below was caused by:

Business Objects:GRC

Choose No – unless you are indeed loading mixed object types.

Automodeler - Loading a Worksheet book2 :Sheet1 !A1:A2439			
Model 01 Enterprise Architecture Repository (BG_DEV2) Loading a Worksheet book2 :Sheet1 !A1:A2439	 Proceed as mixed Object Types Yes No 		
There appears to be Object Type prefixes used in object names in the following rows: 289 290 291			
Physical Application Component 2438 Rows & 1 Columns	< <u>N</u> ext > <u>C</u> ancel	Help Advanced	

Diagram Properties

You cannot create new diagrams with Auto Modeler; therefore, diagrams must already exist and be unloaded first.

When downloading, these properties are selected by default – leave them selected as you cannot re-upload unless they are present:

- Id
- Name
- Category
- Rule

Auto Modeler: Unload Options

Objects \ Association Types

Select the Object Type you want to unload.

Click "Show Everything" to unload Intersection Object Properties (see figure 2)

Automodeler - Unloading to Worksheet		
Model 01 Enterprise Architecture Repository (BG_DEV2) Unloading to Worksheet	Function Gap Goal IS Service Issue Key Location Logical Application Component Logical Technology Component Lockup Measure Navigation Objective Organisation Unit Physical Application Component	E
	Show everything I<	Advanced

The list now displays your Association Types. It is important to have a clear naming convention when setting these up.

Automodeler - Unloading to Worksheet		
Model 01 Enterprise Architecture Repository (BG_DEV2) Unloading to Worksheet	InkISService2ISService InkISService2Process InkLoadian2Actor InkLoadian2Actor InkLoadian2Actor InkLogicalAppComp2IsService InkLogicalAppComp2LogicalAppComp InkLogicalAppComp2LogicalAppComp InkLogicalAppComp2LogicalAppComp InkLogicalAppComp2LogicalAppComp InkLogicalAppComp2LogicalAppComp InkLogicalAppComp2LogicalAppComp InkMeasure2BisService InkOmg2Mat2Service InkOmg2Actor InkOmgUnit2SusService InkOmgUnit2SusService InkOmgUnit2SusService InkOmgUnit2SusCervice InkOmgUnit2SusCervice InkOmgUnit2SusCervice	•
	Object Types only I<	Help Advanced

Properties and Associations

Automodeler - Unloading to Worksheet					- 0 ×
Model 01 Enterprise Architecture Repository (BG_DEV2)	#	Physical Application Component	Action		1
Unloading to Worksheet	1 2 3	ld Name Category	Selected Selected Selected	E	
Select columns to be unloaded for Physical Application Component Double click (de)selects columns	4 5 6 7 8 9 10 11 12 13 	Description Data Entity (N/A) Location (Hosted in) Organisation Unit (that use this P Process (N/A) Physical Technology Component Assumption (To be validated) Capability (Delivered) Capability (Delivered) Capa (Difference) III	Selected NOT Selected NOT Selected NOT Selected NOT Selected NOT Selected NOT Selected NOT Selected NOT Selected NOT Selected	+	
	<-	Swap setting Move Up	Move <u>D</u> own		<u>A</u> ll Ad <u>v</u> anced

If you intend to change the name of an Object, unload the Id

Filters

Automodeler - Unloading to Worksheet	
Model 01 Enterprise Architecture Repository (BG_DEV2) Unloading Physical Application Components -> Choose how you would like to select objects	Select option from below All From a List From a Diagram All with a common parent
	I<

All with a common parent filtered by any property type of data type "drop-down list" – e.g. category.

From a diagram allows you to insert Diagram Picture of downloading to Word.

Diagram Objects

If download to Word, you can include the Diagram Picture above the Objects' table.

Note, if you have mixed objects on the diagram, they are all in one table, but prefixed by the Object Type, so the table can be sorted by Object Type or split into two.

Automodeler - Unloading to Document		
Model 01 Enterprise Architecture Repository (BG_DEV2)	Select option from below	
Unloading Diagram Objects ->	Yes	
	C No	
Do you want the Diagram Image inserted before the Word Table		
	I<< < Next> Cancel	Help Advanced

Diagram Objects option however allows only a limited set of properties:

Automodeler - Unloading to Document		
Model 01 Enterprise Architecture Repository (BG_DEV2)		tion)T Selected
Unloading to Document	2 Name Se 3 Category NC 4 Description Se 5 Issue NC	lected JT Selected lected JT Selected
Select columns to be unloaded for Shape Double click (de)selects columns	7 Validation Date NC 8 OWNER NC	JT Selected JT Selected JT Selected JT Selected
	Constanting Manufik	Move Down All
	Swap setting Move Up I<	

Diagram dependency information

Includes things like Connectors and Connector sets. If the diagram is a hierarchy diagram, it also gives you the option to download as an indented list. Note, this is a diagram using Hierarchy Links; it does not work if the diagram is itself an Object Visualization Diagram, which uses Association Lines.