Importing from ArchiMate

ⓘ The import from ArchiMate is a technology preview.

Introduction to ArchiMate

The ArchiMate language is an open and independent modeling language for Enterprise Architecture that enables Enterprise Architects to describe, analyze, and visualize the relationships among architecture domains in an unambiguous way. The ArchiMate supports an exchange format in XML which allows model and diagram exchange between tools.

ⓘ For more information, see https://publications.opengroup.org/standards/archimate.

Importing ArchiMate model from open exchange file

You can import ArchiMate model to your UAF project. The allowed file format for importing is ArchiMate *.xml*.

To import the model from ArchiMate .xml file

1. In the main menu, click **File** > **Import From** > **ArchiMate XML File**.
2. In the open dialog, choose the ArchiMate *.xml* file you want to import.
3. Click **Open**.
4. In the **Select Owner** dialog, choose or create the owner and click **OK**.

After the import is completed, the notification is displayed with the import results. The imported ArchiMate elements are mapped to the UAF elements and added to your model. You can find the imported elements in the Containment tree. In the following **Element mapping** section, learn how the ArchiMate element are mapped to the UAF elements.

⚠ The ArchiMate model import is a technology preview, therefore the element mapping is implemented only partially.

Element mapping

The mapping of ArchiMate 3.1 to UAF 1.1 approach is based on NATO Architecture Framework.

#	ArchiMate 3.1	UAF 1.1	Note
1	ApplicationCollaboration	ResourceArchitecture	
2	ApplicationComponent	Software	
3	ApplicationEvent	ResourceSignal	
4	ApplicationFunction	Function	
5	ApplicationInteraction	ResourceArchitecture	
6	ApplicationProcess	Function	
7	Artifact	DataElement	
8	Assignment	IsCapableToPerform	
9	BusinessActor	Organization	
10	BusinessInterface	ServiceInterface	
11	BusinessObject	InformationElement	Additional elements or properties may be created depending on related elements.
12	BusinessRole	OperationalPerformer	
13	BusinessService	ServiceSpecification	
14	Capability	Capability	Additional elements or properties may be created depending on related elements.
15	CommunicationNetwork	Standard	

16	CourseOfAction	OperationalActivity	
17	DataObject	DataElement	
18	Device	ResourceArtifact	
19	DistributionNetwork	System	
20	Equipment	ResourceArtifact	
21	Facility	ResourceArtifact	
22	Gap	Risk	
23	Goal	EnterpriseGoal	
24	Material	NaturalResource	
25	Meaning	Concern	
26	Node	ResourceArtifact	
27	Note	Information	Additional elements or properties may be created depending on related elements.
28	Path	Protocol	
29	Principle	Requirement	
30	Representation	DataElement	
31	Requirement	Requirement	
32	Resource	OperationalPerformer	
33	SystemSoftware	Software	
34	Specialization	Generalization	
35	TechnologyCollaboration	ResourceArchitecture	
36	TechnologyEvent	ResourceSignal	
37	TechnologyFunction	Function	
38	TechnologyInteraction	ResourceArchitecture	
39	TechnologyProcess	Function	
40	ValueStream	OperationalActivity	
41	Access	FlowProperty	Additional elements or properties may be created depending on related elements.
43	Assessment	Measurement	Additional elements or properties may be created depending on related elements.
45	Association	Association	Additional elements or properties may be created depending on related elements.
46	Composition	Association	Additional elements or properties may be created depending on related elements.
47	Connection	UAF Element onto Information ->AnnotatedElement	Additional elements or properties may be created depending on related elements.
48	Constraint	Constraint	Additional elements or properties may be created depending on related elements.
49	Driver	Measurement	Additional elements or properties may be created depending on related elements.
51	Location	ActualLocation	Additional elements or properties may be created depending on related elements.
52	Outcome	ActualMeasurementSet	Additional elements or properties may be created depending on related elements.
53	Stakeholder	ActualOrganization	Additional elements or properties may be created depending on related elements.