

# 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 is 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 1.2 approach is based on NATO Architecture Framework.

#	ArchiMate 3.1	UAF 1.2	Note
1	Access	FlowProperty	Additional elements or properties may be created depending on related elements.
2	Aggregation	Association	Additional elements or properties may be created depending on related elements.
3	ApplicationCollaboration	ResourceArchitecture	
4	ApplicationComponent	Software	
5	ApplicationEvent	ResourceSignal	
6	ApplicationFunction	Function	
7	ApplicationInteraction	ResourceArchitecture	
8	ApplicationProcess	Function	
9	Artifact	ResourceInformation	
10	Assessment	Measurement	Additional elements or properties may be created depending on related elements.
11	Assignment	IsCapableToPerform	
12	Association	Association	Additional elements or properties may be created depending on related elements.
13	BusinessActor	Organization	
14	BusinessCollaboration	CapabilityConfiguration	
15	BusinessFunction	Function ServiceFunction	Additional elements or properties may be created depending on related elements.
16	BusinessInteraction	CapabilityConfiguration	

17	BusinessInterface	ServiceInterface	
18	BusinessObject	OperationalInformation	Additional elements or properties may be created depending on related elements.
19	BusinessProcess	OperationalActivity	Additional elements or properties may be created depending on related elements.
20	BusinessRole	OperationalPerformer	
21	BusinessService	Service	
22	Capability	Capability	Additional elements or properties may be created depending on related elements.
23	CommunicationNetwork	Standard	
24	Composition	Association	Additional elements or properties may be created depending on related elements.
25	Connection	UAF Element onto Information ->AnnotatedElement	Additional elements or properties may be created depending on related elements.
26	Constraint	Constraint	Additional elements or properties may be created depending on related elements.
27	Contract	ResourceInformation	
28	CourseOfAction	OperationalActivity	
29	DataObject	ResourceInformation	
30	Deliverable	ActualProjectMilestone	Additional elements or properties may be created depending on related elements.
31	Device	ResourceArtifact	
32	DistributionNetwork	System	
33	Driver	Measurement	Additional elements or properties may be created depending on related elements.
34	Equipment	ResourceArtifact	
35	Facility	ResourceArtifact	
36	Flow	OperationalExchange ResourceExchange	Additional elements or properties may be created depending on related elements.
37	Gap	Risk	
38	Goal	EnterpriseGoal	
39	Grouping	ElementGroup	Additional elements or properties may be created depending on related elements.
40	ImplementationEvent	ActualProjectMilestone	Additional elements or properties may be created depending on related elements.
41	Location	ActualLocation	Additional elements or properties may be created depending on related elements.
42	Material	NaturalResource	
43	Meaning	Concern	
44	Node	ResourceArtifact	
45	Note	Information	Additional elements or properties may be created depending on related elements.
46	Outcome	ActualMeasurementSet	Additional elements or properties may be created depending on related elements.
47	Path	Protocol	
48	Plateau	CapabilityConfiguration ActualEnterprisePhase	Additional elements or properties may be created depending on related elements.
49	Principle	Requirement	
50	Product	ResourceArchitecture Service	Additional elements or properties may be created depending on related elements.
51	Representation	ResourceInformation	
52	Requirement	Requirement	
53	Resource	OperationalPerformer	
54	Specialization	Generalization	
55	Stakeholder	ActualOrganization	Additional elements or properties may be created depending on related elements.
56	SystemSoftware	Software	
57	TechnologyCollaboration	ResourceArchitecture	
58	TechnologyEvent	ResourceSignal	
59	TechnologyFunction	Function	
60	TechnologyInteraction	ResourceArchitecture	

61	TechnologyProcess	Function	
62	Value	Measurement	Additional elements or properties may be created depending on related elements.
63	ValueStream	OperationalActivity	