ArchiMate 3.1 certification
conformance evidence summary

Mega Product Ownership

Q4 2020
All elements

NEW in 3.1: Value Stream
ArchiMate Metamodel (by Layer)
Motivation Layer (simplified)

New in 3.1: directed association

Derived relationship
Strategy Layer (simplified)

NEW in 3.1: Value Stream
Business Layer (simplified)
Application Layer (simplified)

Data Object

Application Process

Application Service

Application Interface

Application Component

Application Function

Application Interaction

Application Collaboration

Flow / data object association

Application Event
Technology Layer (simplified)
Physical Layer (simplified)
Implementation and Migration Layer (simplified)
Cross Layer: Business / application
Cross layer: business / technology
Cross Layer: application / technology
Relationships
New in 3.1: directed association

Association to relationship
NEW in 3.1 - Association – new « Is Directed » attribute

- Association direction
  - Set by right click or properties
  - Visible in diagram
  - Managed in import / export tools

In association right click

In association relationships properties
Derived relationships

Derived relationship appear as light grey in diagrams

Derived relationship are marked as '*' in the link creation UI
Nesting support

- A pop-up window proposes the relevant relationships (structural + access + specialization) when drag and dropping an object within another object
  - If there is only one possibility, the relationship creation is silent

- Multiple selection is supported, both for same object types or heterogenous object types
  - The relationship type is asked for each link
ArchiSUREnce 3.1

Viewpoints

(extract)
Architecture Overview
Motivation – Drivers and Business Goals

- Customers Defecting to Competitors with Superior Digital Experiences
- Profitability
- Customers Defecting to Competitors with Lower Insurance Premiums

Profit Margin of >5% in Next Fiscal Year

- Inefficiencies in Internal Operations
- Reduction of Costs
- Increase in Revenue

- Reduction of Maintenance Costs
- Reduction of Personnel Costs
- Higher Customer Retention
- Improve Cross-Selling Success
- Strong Brand Position

- 90% of Customer Interaction Online
- Improve Customer Satisfaction
- Attractive Insurance Offering
- Broad Product Coverage

- Best-in-Class Online Customer Experience
Strategy – Capability Map
NEW in 3.1 - Strategy – Value Stream
Business Architecture - Functional Decomposition
Business Architecture - Business Process
Business Architecture - Organization Structure
BIZ / IT Architecture - Application Usage
Technology Architecture - Technology
Implementation & Migration

Migration planning

Project Context Diagram
Viewpoint Mechanism
Viewpoint Definition

- The viewpoint definition is declarative so that users can create their own viewpoints
- A viewpoint is defined by the selection of metaclasses to be displayed in the toolbar E.g.
  - the “Layered” viewpoint is defined by enabling all ArchiMate Concepts visibility
  - The “Capability Map’ viewpoint is defined by enabling Capability, Outcome, Resource and Relationships
View Creation Wizard

- When creating a new view for a model, the applicable viewpoint can be selected.
- This automatically activates the available “diagram views” in the ArchiMate diagram and opens the diagram with the corresponding toolbar.
  - This is not restrictive; the user can activate / deactivate relevant “diagram views” in a diagram w/o having to change the viewpoint.
Properties
Properties

- Properties can be user defined within a model, in applicable formats (e.g. “Production Date”, in Date format)
- For a given property, the applicable concept can be defined (e.g. “Production Date” applies to Application Component only)
- The properties is then listed in the applicable elements' property page
Appendix
Shapes Color changing

- Alternative shapes with different color settings can be defined for any ArchiMate shape through the HOPEX Studio shape editor, deriving from standard shapes (1)

- The end user can access alternative shapes for an element in a diagram by right click > ‘shapes and details’ (2)

  Note: a shape can be automatically computed for an object (e.g. based on a test of an attribute value or link existence) or manually set by the end user

- Otherwise, the objects name font or color / background color can be changed by the end user using MS Office like font controls (3)
Diagram specific shapes for the same object

Same object with specific shape in different views / diagrams
Drill up: diagrams containing an object

- Right click on an element > ‘diagrams containing object’ this element can be reached through a dedicated navigator showing all the diagrams the object appears in.
- Additional navigation (drill up, drill down, properties) is then possible via a wheel within this diagram navigator, enabling easy graphical navigation and browsing of diagrams.
Objects in diagrams

- Object properties (attributes, relationships) are consistently accessible for a given objects, regardless of the diagram it is accessed from.

  Change of the element reflect in all views

rename
Relationships color & width

- Relationships line color and width can be changed by the end user using MS Office like controls
From ArchiMate to other notations

- E.g. right click on a ‘ArchiMate Business process’ allows to reach the BPMN diagram describing the corresponding ‘HOPEX Organizational Process’ object

The same applies to other mapped concepts (see mapping in standard documentation page 96)
Relationships Symbol Reuse (1/2)

Relationships of the same type can be drawn for several pairs of objects.
If a relationship already exists in a given view between two objects, when drawing the same relationship type in another diagram between these two objects, a dialog box suggest the reuse of the existing relationship, to avoid creating a new one by mistake.