

Enterprise Modeling and Analysis with the Archi Open Source Tool

Course Summary

Description

Are you interested in modeling your enterprise to drive better investment decisions, manage your application portfolio, or determine the impact of planned changes? Do you lack the budget to purchase or maintain proprietary enterprise architecture tools, or are you unsure that they will be worth the expense? Perhaps you are uncertain about the benefits of enterprise modeling and seek a thorough trial at minimal cost.

Objectives

At the end of this course, students will be able to use the free and open source Archi tool and four of its plugins to import and export model data, collaborate on models, and accelerate modeling and analysis with Excel and JavaScript.

Topics

- Installation of Archi and its plugins
- Introduction to the compact teaching scenario and model
- In-depth tour of Archi
- Getting data in and out of Archi
- Collaborating with Archi and Github
- Scripting with Archi
- Analyzing and visualizing data with Archi and Excel

Audience

This course is intended for teams or individuals with knowledge of TOGAF or similar enterprise architecture concepts, ArchiMate modeling, and at least one programming or scripting language.

Prerequisites

Students should have knowledge of TOGAF or similar enterprise architecture concepts, ArchiMate modeling, and at least one programming or scripting language.

Duration

One day

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Course Outline

- I. *Installation of Archi and its plugins*
- II. *Introduction to the compact teaching scenario and model*
 - A. Make use of all layers and aspects of the ArchiMate language, including the more recent Strategy and Physical layers
 - B. Depicts selected state-of-the-art microservices and big data patterns
- III. *In-depth tour of Archi*
- IV. *Getting data in and out of Archi*
- V. *Collaborating with Archi and Github*

Applicable to any git repository, including internal services, Gitlab, Bitbucket, etc.
- VI. *Scripting with Archi*
- VII. *Analyzing and visualizing data with Archi and Excel*