IT Architecture Management

Course Description

In addition to concrete IT projects, such as the development of a new IT system or the introduction of standard software, a strategic management system requires an organization-wide IT infrastructure, that is, an infrastructure for all IT hardware and software systems. Strategic management is the responsibility of the IT enterprise architect, who manages IT architecture. Her task is to strategically align IT infrastructure with an organization’s business and IT strategy. This course covers the typical concepts, methods, procedures, and IT models of architecture management.

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1. Basic Terms and Foundation for the Management of IT Enterprise Architectures
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2. IT Application Portfolio Management
   1. IT Application Portfolio Management Overview
   2. Application Manual
   3. Portfolio Analysis
   4. Development Planning
3. Architecture Governance
   1. Organizational Structure
   2. Policy Development and Enforcement
   3. Project Support
4. Modeling of IT Enterprise Architectures
   1. Models in the Context of IT Architecture Management
   2. Forms of Documentation for Processes and Applications
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5. Frameworks Using the Example of The Open Group Architecture Framework

5.1 Fundamentals and Use of IT Architecture Frameworks

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6.1 Architecture Reference Models

1. EAM Design Sample Catalogue