An Introduction to the Archimate® Notation

**CORE CONCEPTS**

**Business Layer**

- Business Actor
- Business Role
- Business Object
- Business Interface
- Business Collaboration
- Business Interaction

**Behavioral**

- User Interface
- Application Interface
- Data Object
- Application Component

**Informational**

- Application Interface
- Data Object

**Application Layer**

- Application Component
- Application Interface
- Business Interaction

**Technology Layer**

- Node
- Device
- Network
- Middleware
- Software
- Infrastructure Service

**CORE RELATIONSHIPS TYPES**

- Dynamic
  - Composition
  - Association
  - Aggregation
  - Used By
  - Activation
  - Triggers

- Structural
  - Flow
  - Role
  - Activity

**CROSS-LAYER DEPENDENCIES**

**EXTENSIONS**

**TOGAF 9 Scope of Extensions**

**Motivation Extension Object Types**

- Stakeholder
- Goal
- Objective
- Benefit
- Context

**Delivery Extension Object Types**

- Project
- Project Gap
- Project Role
- Project Plan

**Archimate extensions extend Archimate to cover all sections of the TOGAF ADM**

**Scope of Extensions**

- An individual, team, or organization with an interest in the outcome of the architecture development process
- Objectives, Goals, Benefits, Context
- Evidence and artifacts that provide insight into the outcome of the architecture development process

**Motivation**

- A key set of facts that is important to each stakeholder in a system, and determines the acceptability of the system

**Assessment**

- The outcome of the analysis of user stories, including the strengths, weaknesses, opportunities, or threats that may trigger a change in an enterprise architecture

**Requirement**

- A formal or informal specification of some need, condition, or constraint that at least one stakeholder wants to meet

**Project**

- A group of projects and/or project components that are managed together, and which all contribute to a common outcome

**Project Gap**

- An important outcome of a gap analysis in Phase C, and D of the TOGAF ADM

**Program**

- An aggregate of projects which are managed together, commonly, and which all contribute to a common outcome

**Project Resource**

- A resource that fulfills one or more project roles

**Project Role**

- A role that is involved within a given project or project activity

**Project Result**

- The output of a project or project activity

**Project Plan**

- A time interval with a start and an end, corresponding to a specific change in the enterprise architecture