Getting Started with TOGAF

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TOGAF Preliminary Phase

- Scope
- Principles, goals and objectives
- Architecture Footprint
- Customisation of TOGAF
- Governance
- Tools
Outline Process

- Set EA Scope
- Develop Architecture Principles
- Define Architecture Footprint
- Customise TOGAF
- Evaluate and Select Tools
- Implement Tools
- Establish the EA Practice
Outline Process

Scope

Architecture Footprint

Principles

Customise TOGAF

Evaluate & Select Tools

Implement Tools

Establish EA Practice
### EA Scope

#### Four Dimensions

- Breadth - the extent of the enterprise
- Architecture domains
- Depth - level of detail
- Time horizon
Federated Architectures

Many enterprises are a federation of organizational units, each of which could be considered an enterprise in its own right.
Scoping a Federated Architecture

- Agree which building blocks (BB) in each architecture domain belong to which Architecture Organisation Unit (AOU)
  - One AOU for Group IT
  - One AOU for each Business Unit (BU)

- Criteria
  - Group owns
    - TA BB that impact >1 BU
  - BU owns
    - BB that only impact 1 BU
  - Who owns BA & ISA BB that impact >1 BU?
Scoping a Federated Architecture Example

Domain

- Business Architecture
  - BU
  - BU
  - BU
  - BU
  - BU
  - Common Business Processes

- Information Systems Architecture
  - BU
  - BU
  - BU
  - BU
  - BU
  - Common Apps, eg ERP

- Technology Architecture
  - Group Technology Infrastructure

Breadth of Scope
Scoping a Federated Architecture Example

- BB in a BU box belong to the BU
- BB in a big box belong to Group
- Portfolios are represented as Views
- There will be associations between BU BB and Group BB within each domain and across domains
- A common Technology Infrastructure has been assumed
Principles

- Review existing principles
- Develop additional principles as required
  - Use TOGAF Examples
Architecture Footprint

- Stakeholders
- Roles & Responsibilities
  - eg RACI
- Governance
Customise TOGAF

- Identify any existing standards to be used, including:
  - Documentation
  - Modelling

- Identify any additional specific requirements, including:
  - Viewpoints
  - Matrices
  - Mapping to other frameworks and architecture artifacts
Customise TOGAF

- Document the (organisation specific) EAF, including
  - Phases & Steps within phases
  - Artifacts (products)
  - EAF Metamodel
  - EAF ADM Process Model
  - Develop product descriptions for the EAF artifacts
    - Include modelling standards
  - Map EAF artifacts to the Enterprise Continuum
Evaluate and Select Tools

- Identify and document TOGAF requirements
  - TOGAF 8.1 CSQ
  - TOGAF 8.1 Resource Base

- Identify and document enterprise requirements
  - Metamodel
  - Standards
  - Stakeholder concerns
  - Constraints

- Identify current tools
Evaluate and Select Tools

- Shortlist vendors
- Define evaluation criteria
- Complete evaluation
  - Include current tools, if appropriate
  - Map tool metamodel to EAF metamodel
- Select tool(s)
Implement Tools

- Map EAF artifacts to the selected tool(s)
- Identify the selected tool artifacts to be used
- Identify tool customisation requirements
  - Modelling
  - Interoperability
Establish the EA Practice

**Maturity Audit & Assessment**
- Eg ACMM

**Skills**
- Requirements
  - Eg TOGAF Skills Matrix
- Audit

**Training**
- Requirements
- Plan
- Delivery

**Recruitment?**
Deliverables

- Customised ADM
- Product descriptions for EAF artifacts
- Mapping of EAF artifacts to the selected tool(s)
- Tool customisation requirements
- EAF Metamodel
- Training Programme