

TOGAF®



Version 9.1 Enterprise Edition

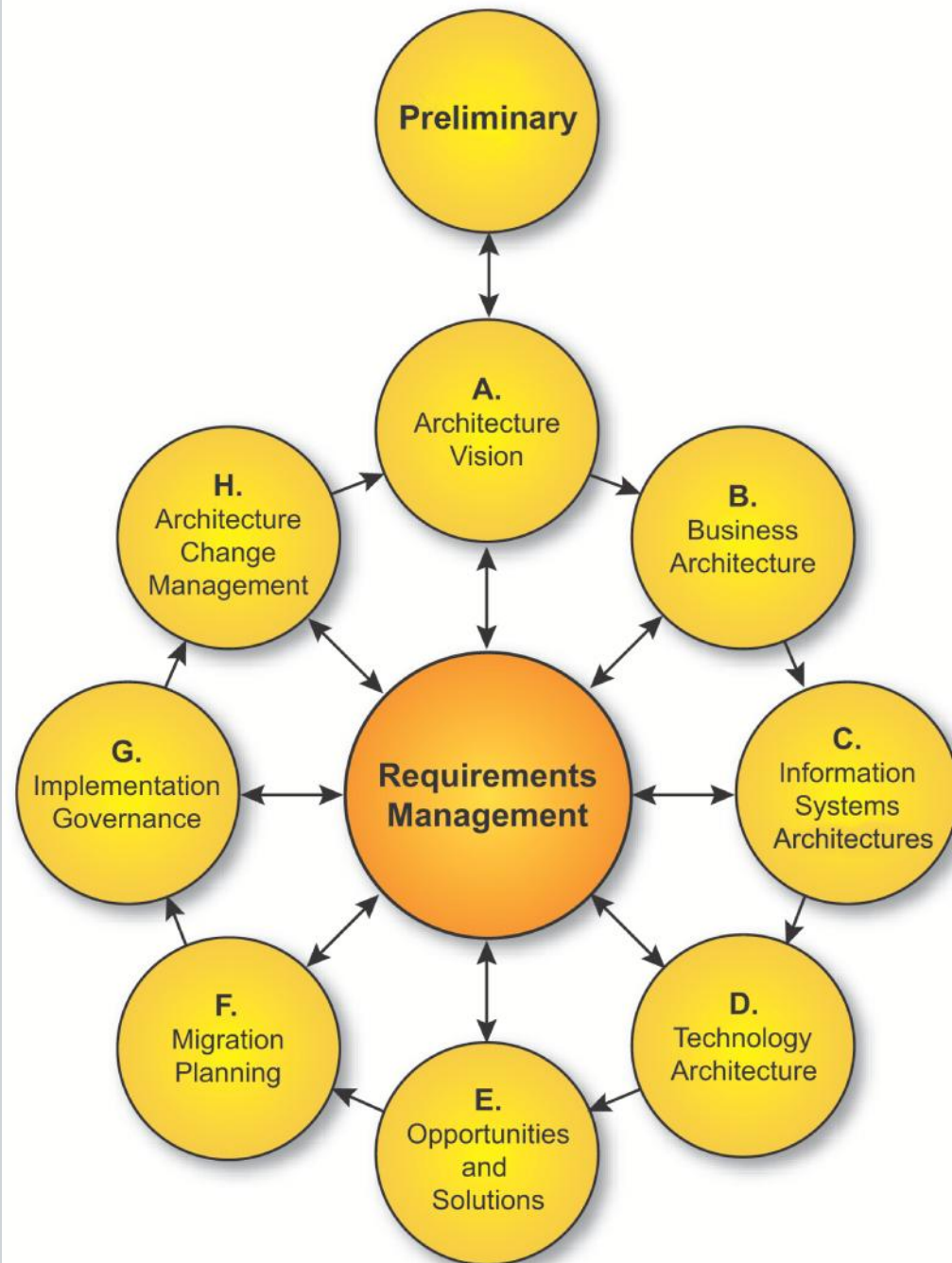
Module 2 TOGAF 9 Components

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TOGAF 9 Components



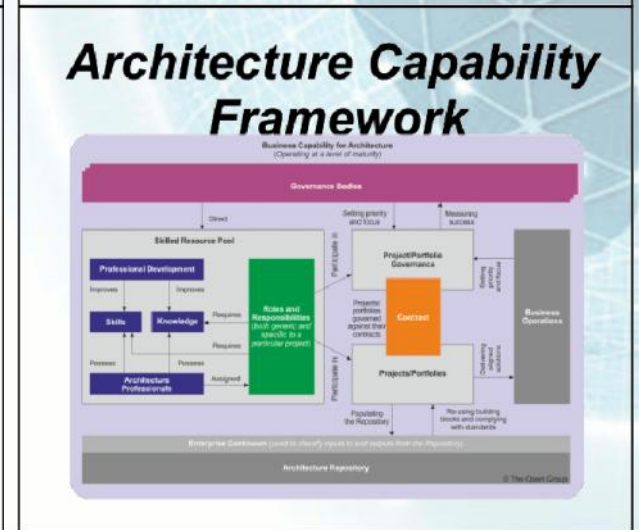
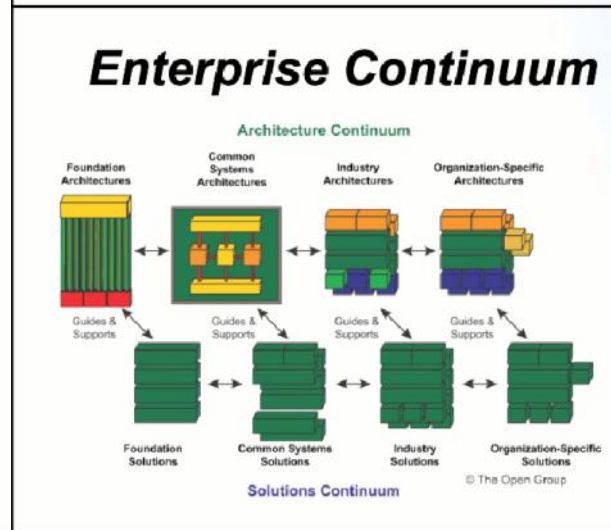
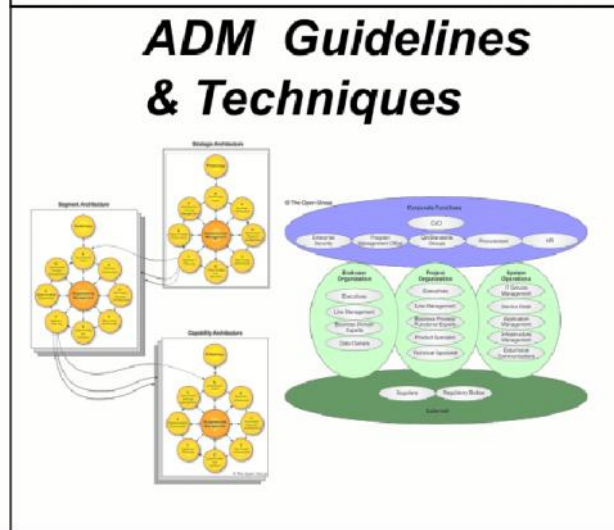
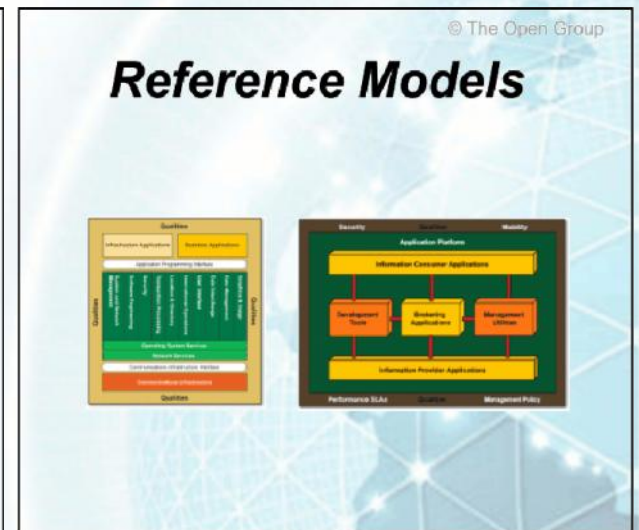
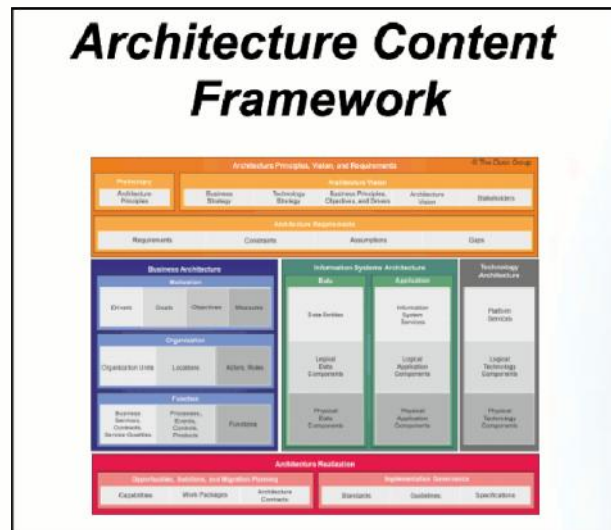
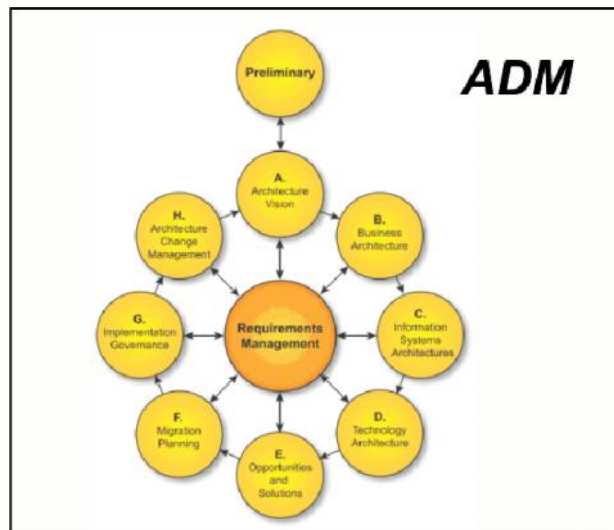
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Module Objectives

- To highlight and introduce the main components and key concepts of TOGAF 9
 - **The Architecture Development Method (ADM)**
 - **ADM Guidelines and Techniques**
 - **Architecture Content Framework**
 - Deliverables, artifacts, building blocks
 - **The Enterprise Continuum**
 - The Architecture Repository
 - **TOGAF Reference Models**
 - **The Architecture Capability Framework**
 - Establishing an EA Capability

TOGAF 9 Components



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Part I - Introduction

Preface, Executive Overview, Core Concepts, Definitions and Release Notes

Part II – Architecture Development Method

Introduction to ADM

ADM Phase Narratives

Part III – ADM Guidelines and Techniques

Guidelines for Adapting the ADM Process

Techniques for Architecture Development

Part IV – Architecture Content Framework

Content Metamodel

Architectural Artifacts

Architecture Deliverables

Building Blocks

Part V – Enterprise Continuum and Tools

Enterprise Continuum

Architecture Partitioning

Architecture Repository

Tools for Architecture Development

Part VI – TOGAF Reference Models

Foundation Architecture: Technical Reference Model

Integrated Information Infrastructure Reference Model

Part VII – Architecture Capability Framework

Architecture Board

Architecture Compliance

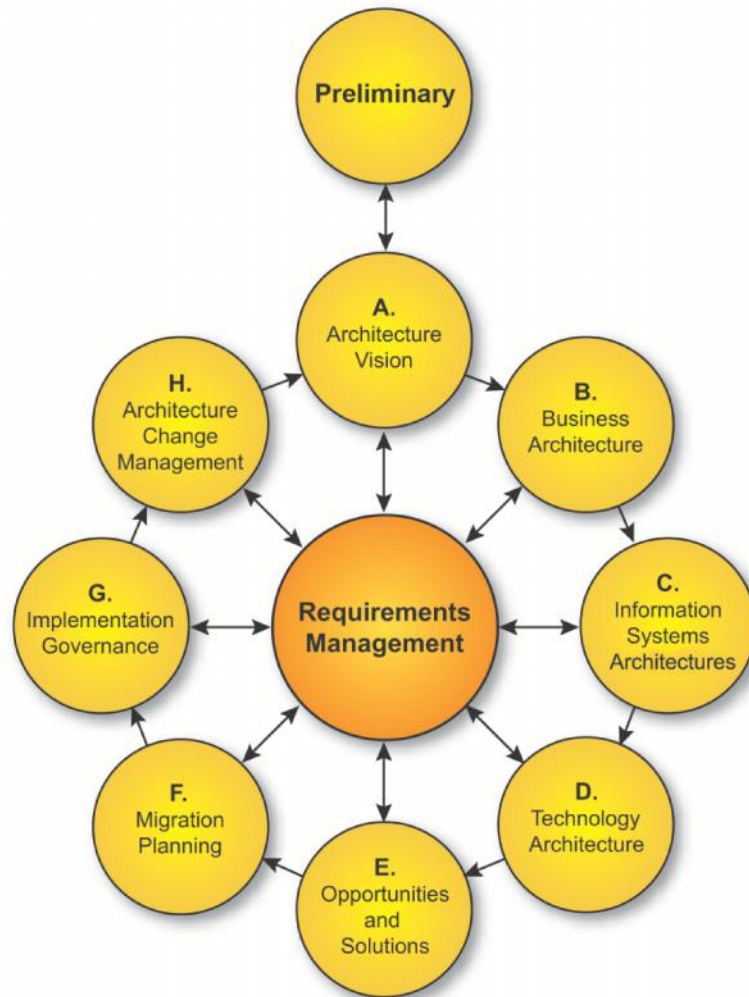
Architecture Contracts

Architecture Governance

Architecture Maturity Models

Architecture Skills Framework

The Architecture Development Method



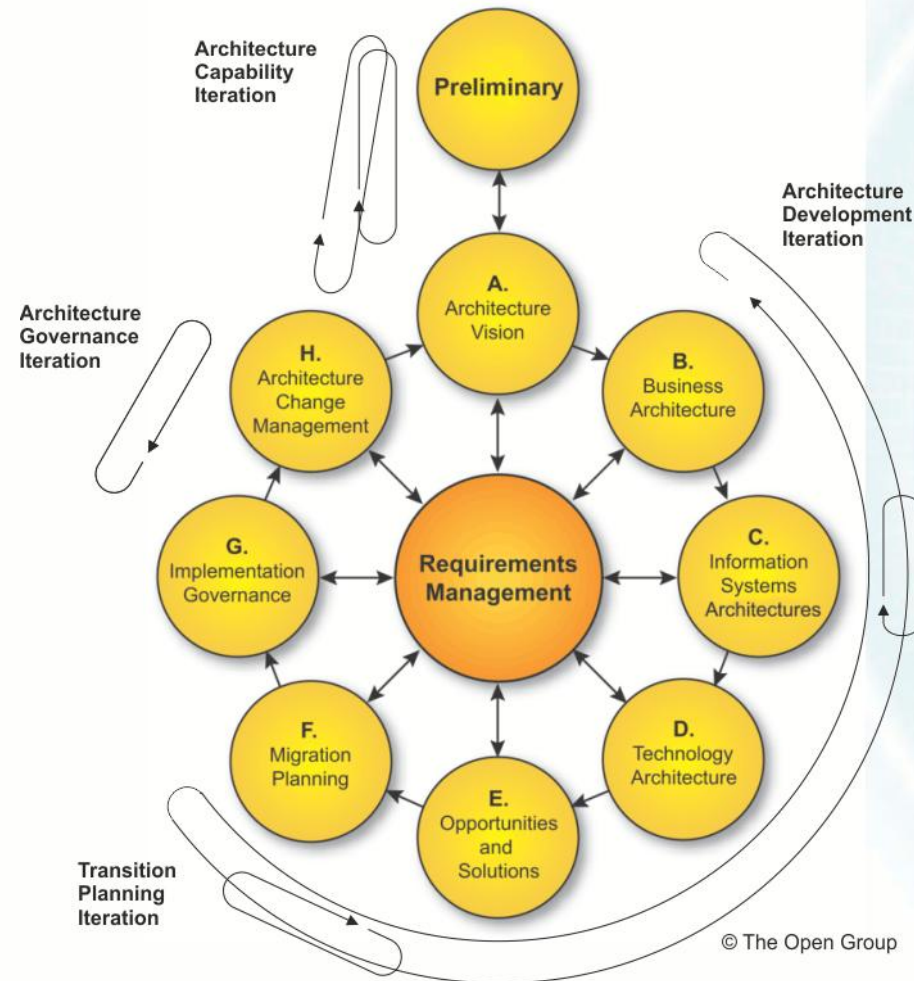
- The core of TOGAF
- A proven way of developing an architecture
- Designed to address business requirements
- An iterative method
- A set of architecture views to ensure that a complex set of requirements are adequately addressed
- Each phase includes objectives, approach, inputs, steps and outputs

ADM Guidelines and Techniques

- A set of guidelines and techniques to support the application of the ADM
- The guidelines help to adapt the ADM to deal with different scenarios, including different process styles (e.g. the use of iteration) and also specific requirements (e.g. security).
- The techniques support specific tasks within the ADM (e.g. defining principles, business scenarios, gap analysis, migration planning, risk management, etc).



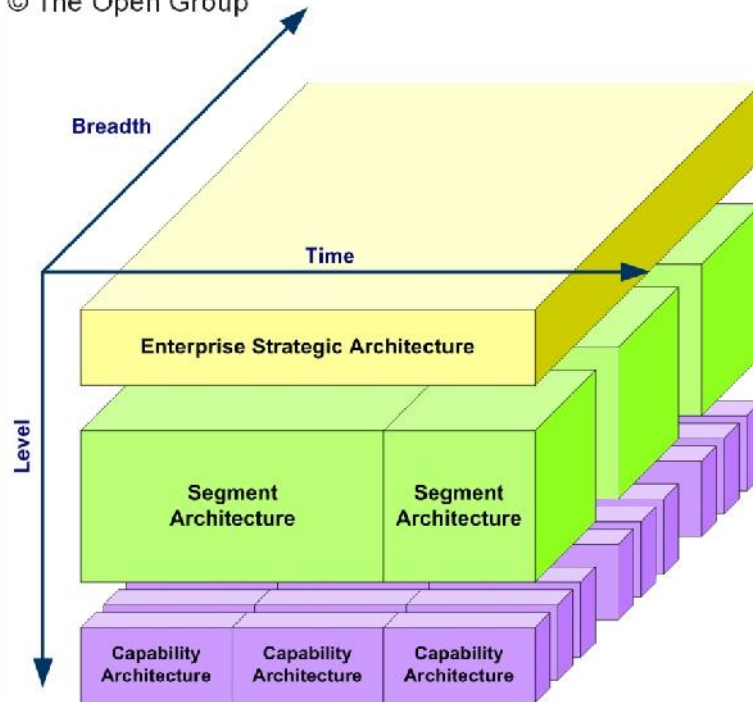
Applying Iteration to the ADM



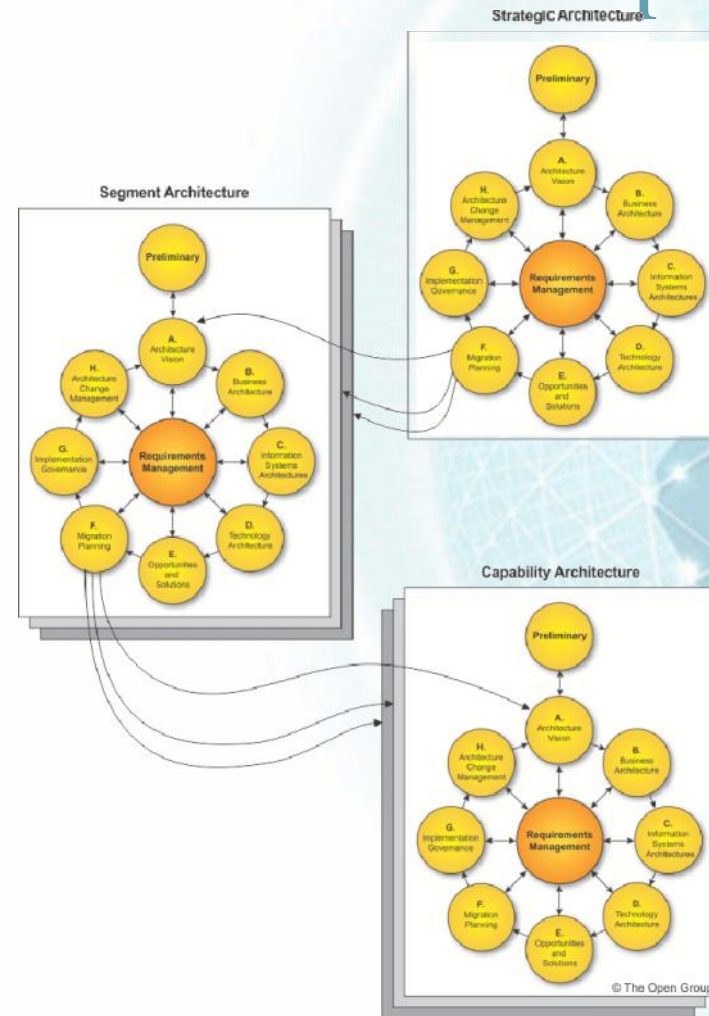
Example Guideline

Applying the ADM Across the Architecture Landscape

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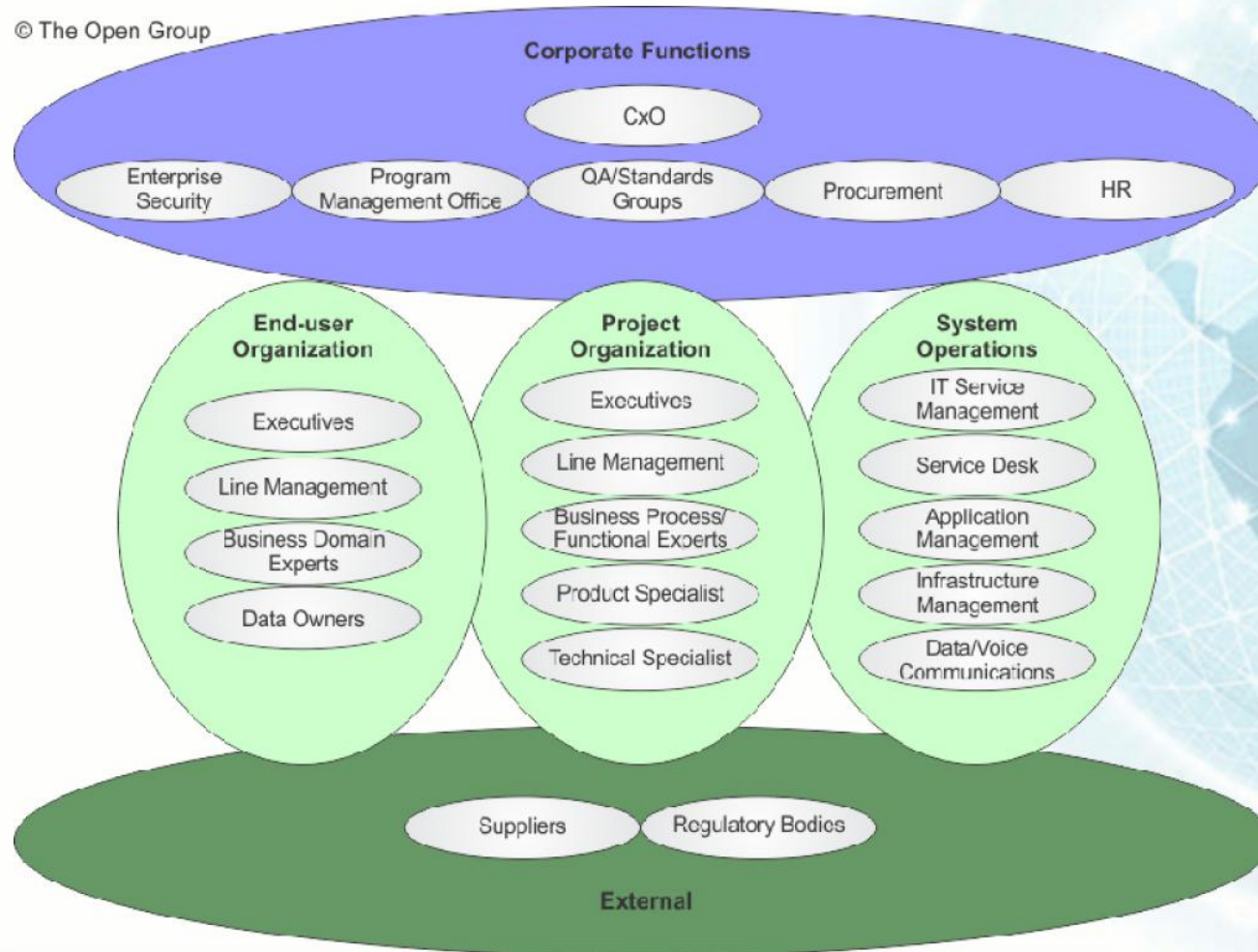


Example Guideline



Categories of Stakeholder

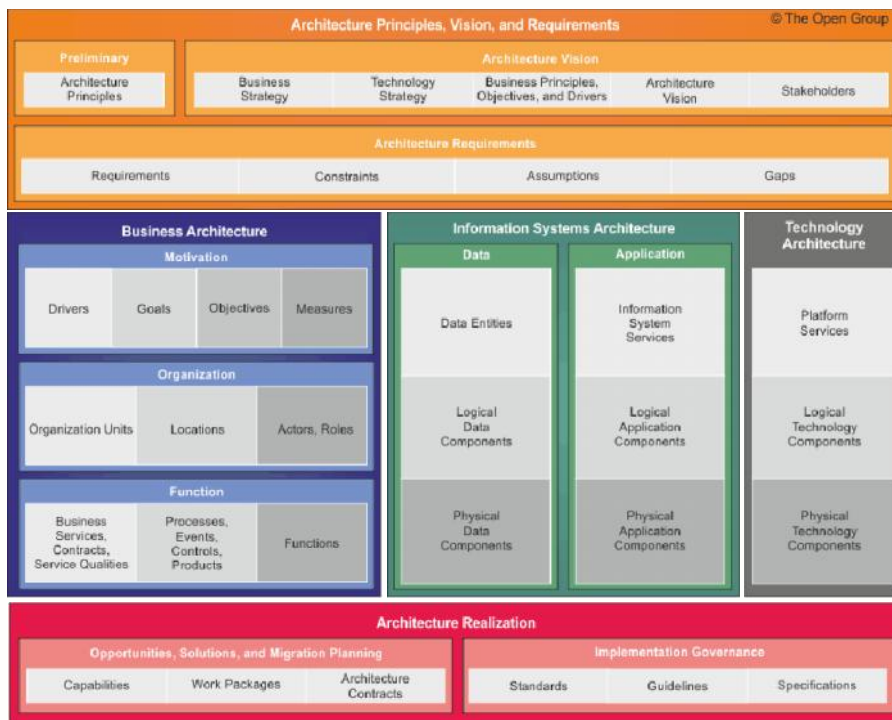
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Example
Technique

Slide 10 of 26

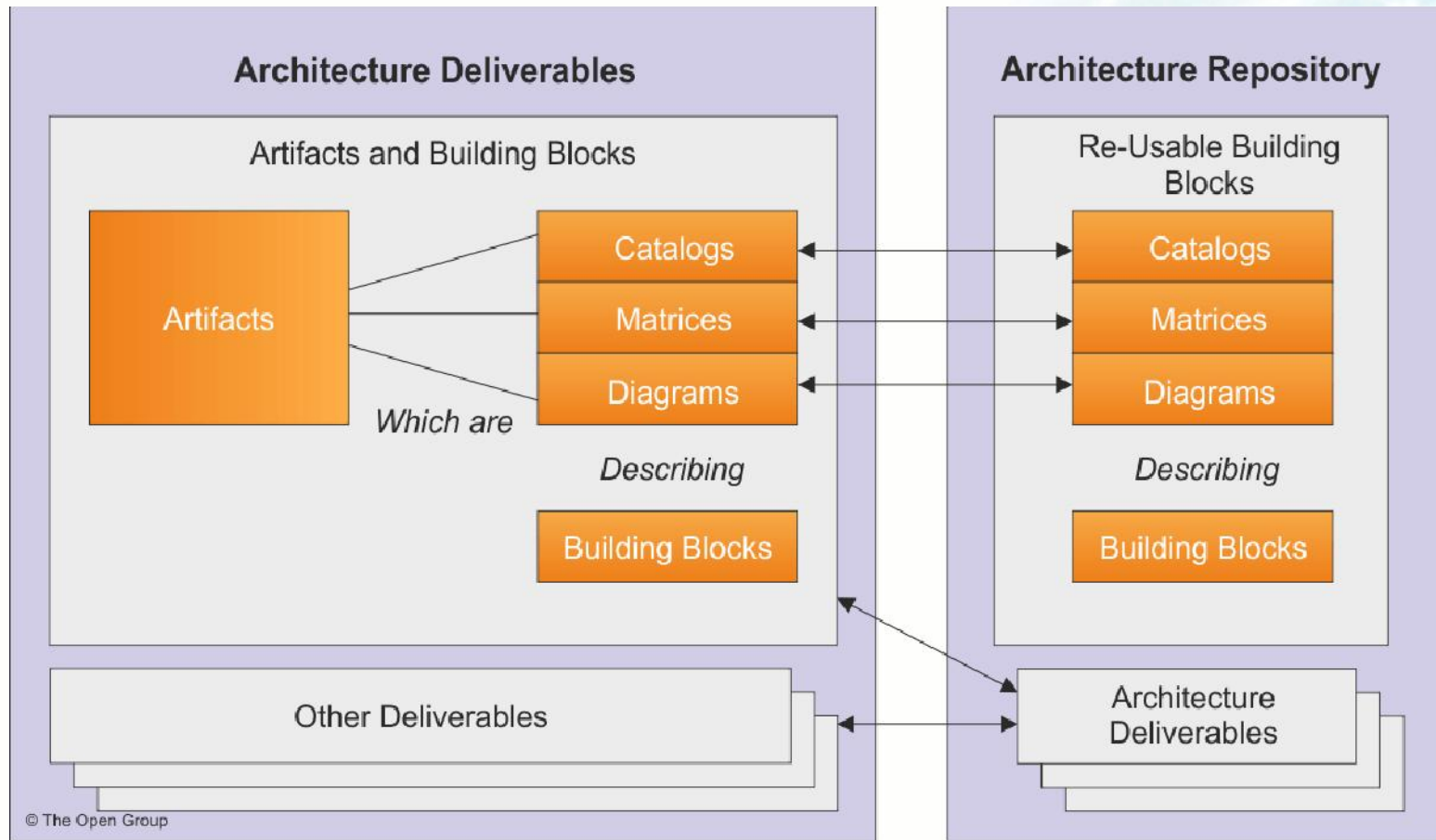
Architecture Content Framework

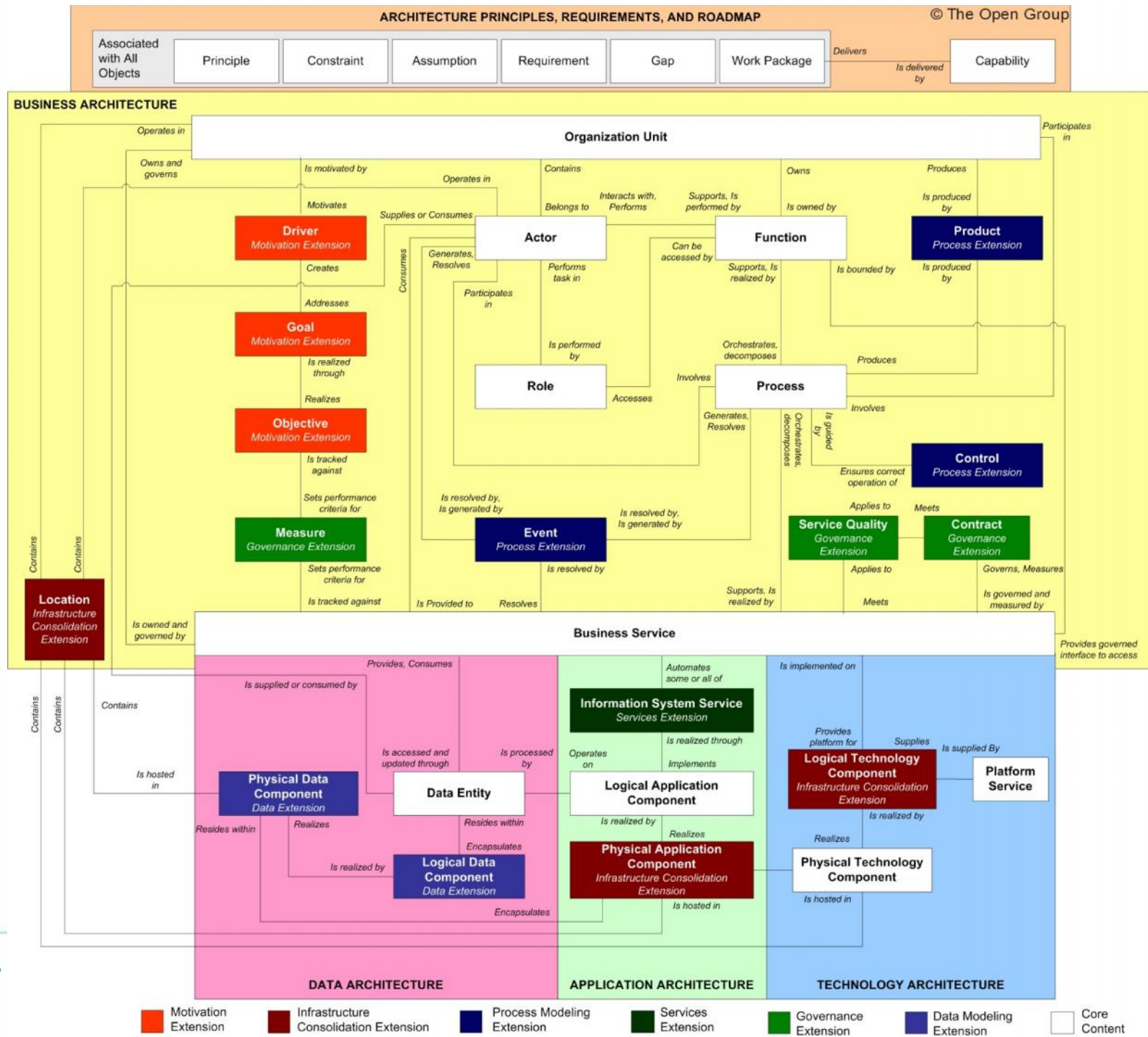


Provides a detailed model of architectural work products, including **Deliverables**, **Artifacts** within deliverables, and the **Architecture Building Blocks (ABBs)** that deliverables represent.

- It drives for greater consistency in the outputs of TOGAF
- It provides a comprehensive checklist of architecture outputs
- It promotes better integration of work products
- It provides a detailed open standard for how architectures should be described
- It includes a detailed metamodel

Deliverables, Artifacts and Building Blocks

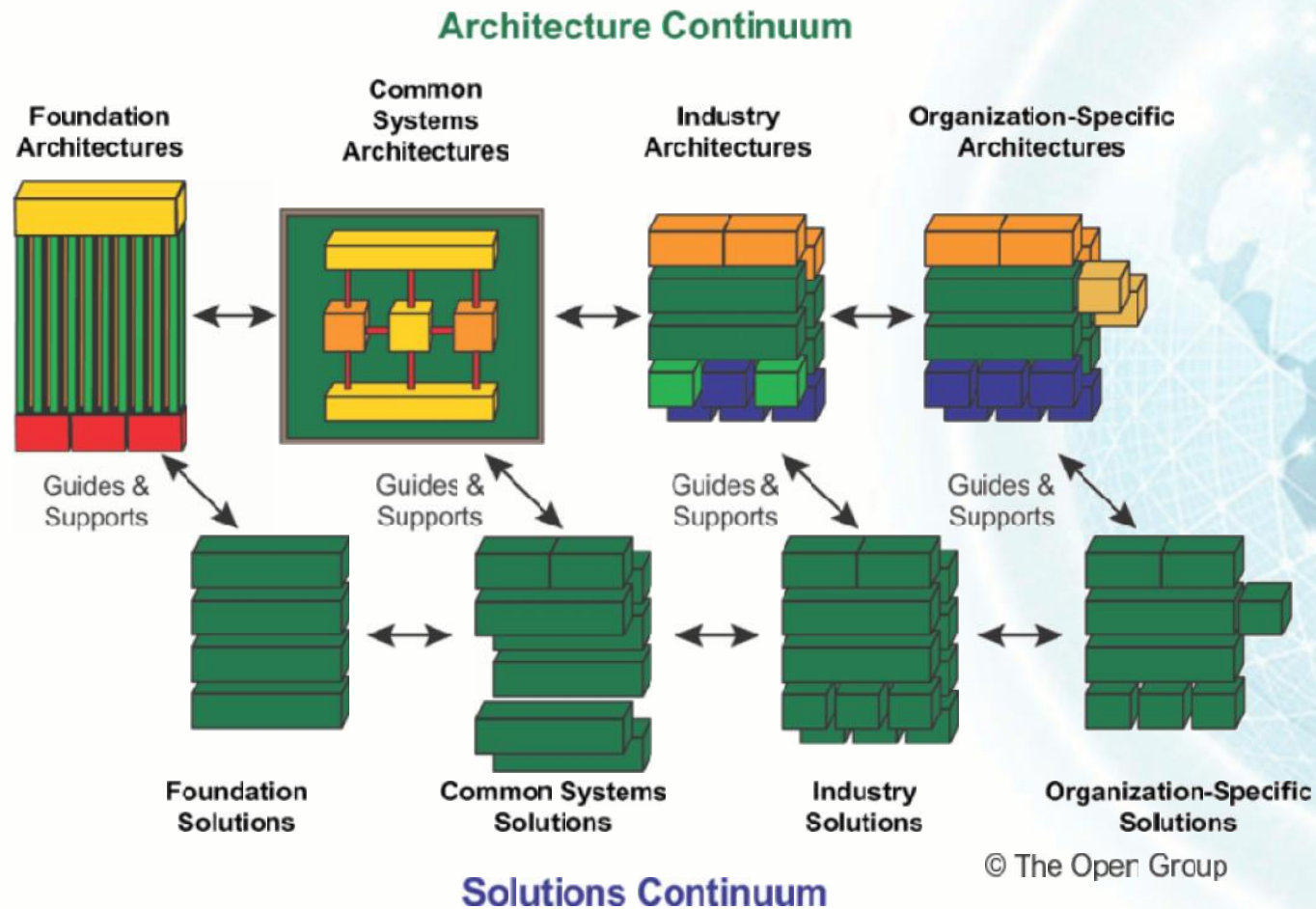




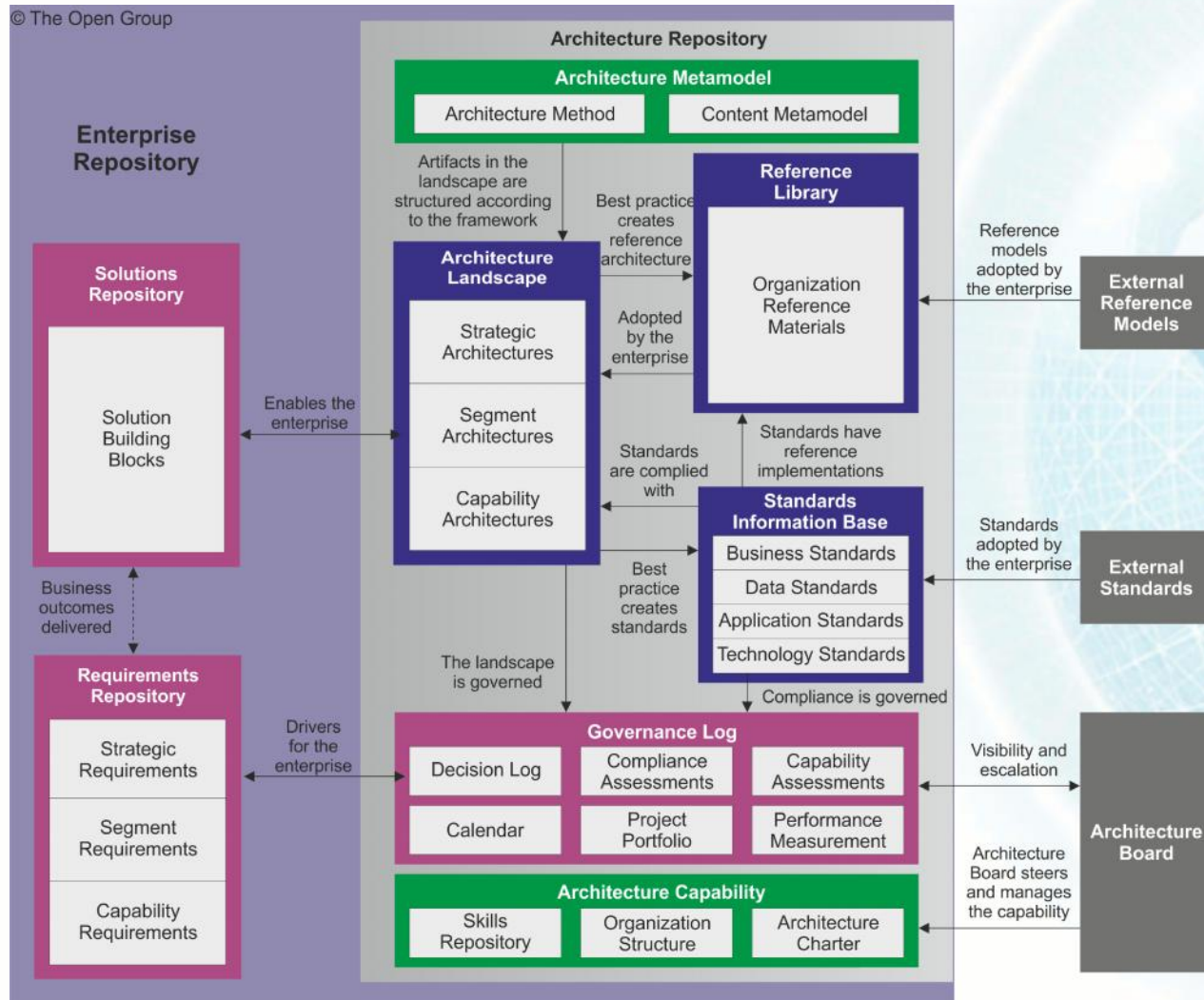
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The Enterprise Continuum



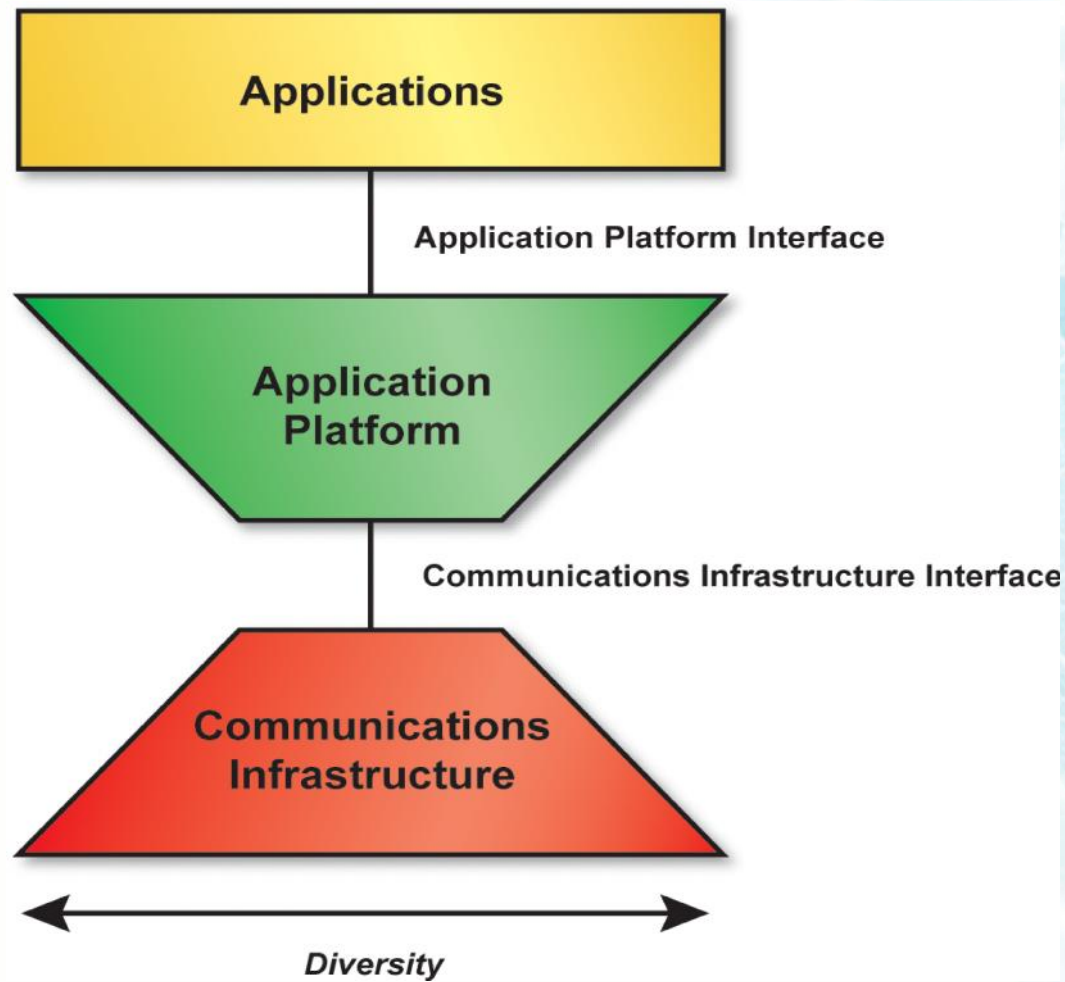
Architecture Repository



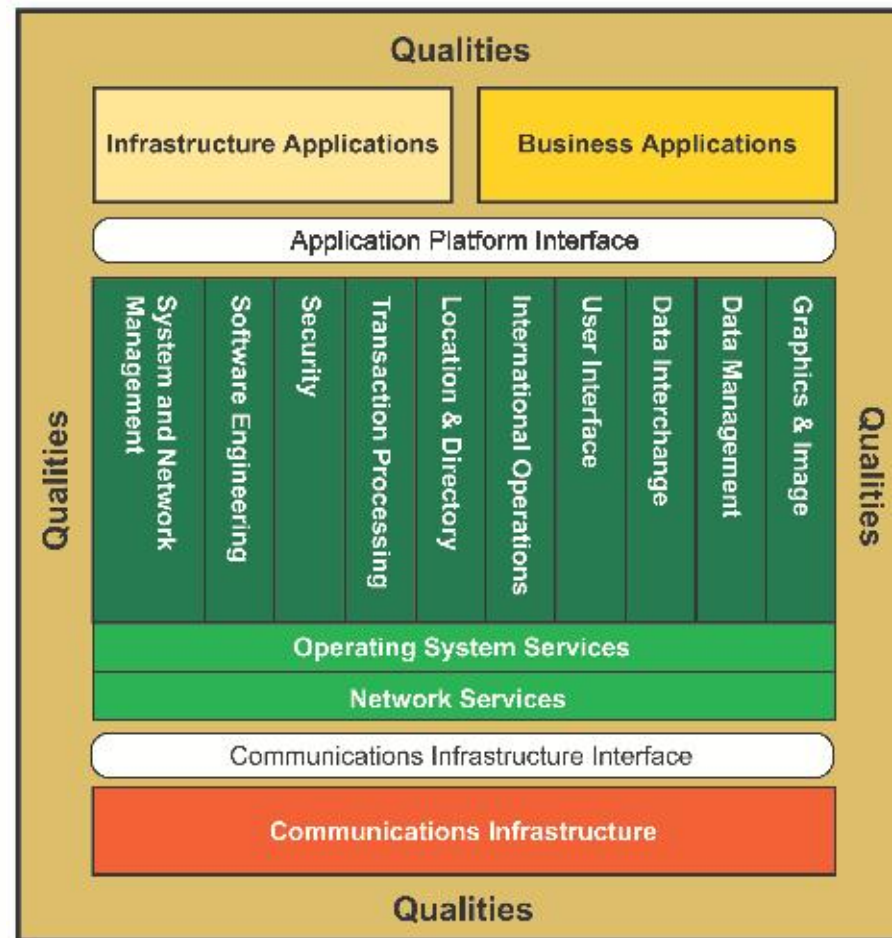
TOGAF Reference Models

- Two Reference Models are provided
 - **The TOGAF Technical Reference Model (TRM)**
 - A Foundation Architecture
 - A model and a taxonomy of generic platform services
 - **The Integrated Information Infrastructure Model (III-RM).**
 - A model for business applications and infrastructure applications
 - Specifically aimed to support the vision of *Boundaryless Information Flow™*

High-Level TRM



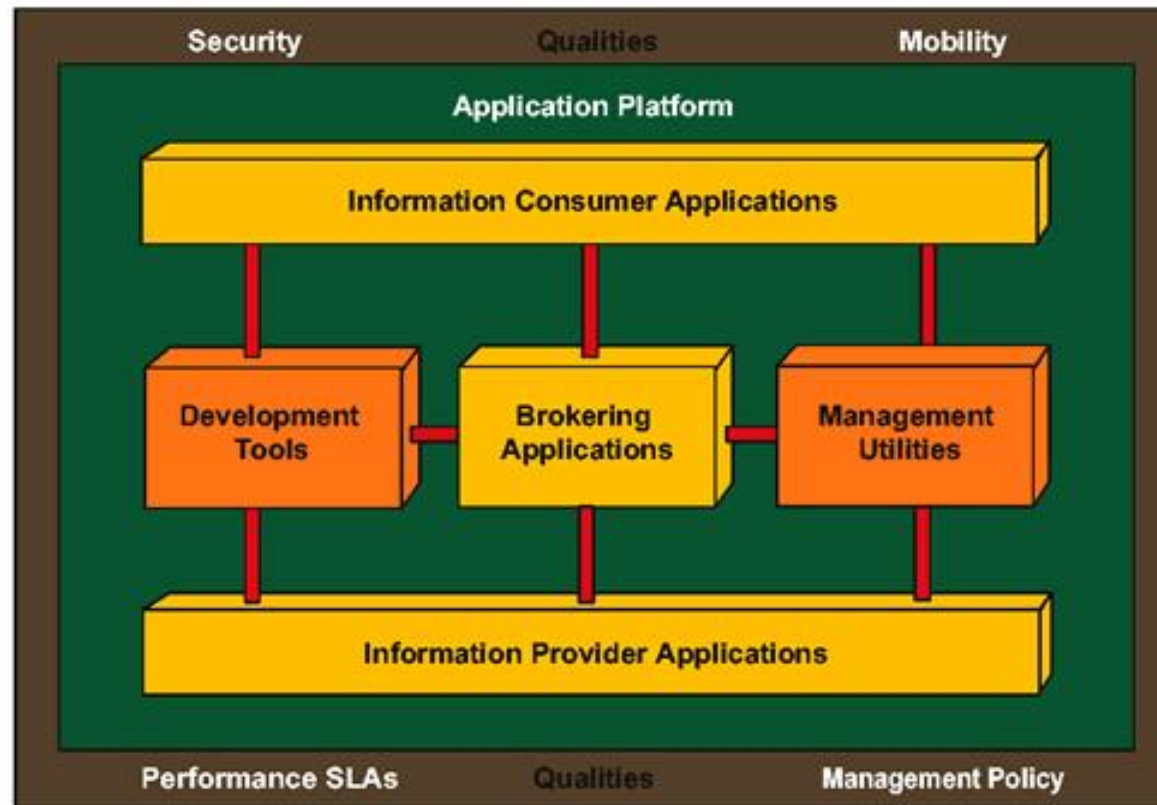
Detailed TRM



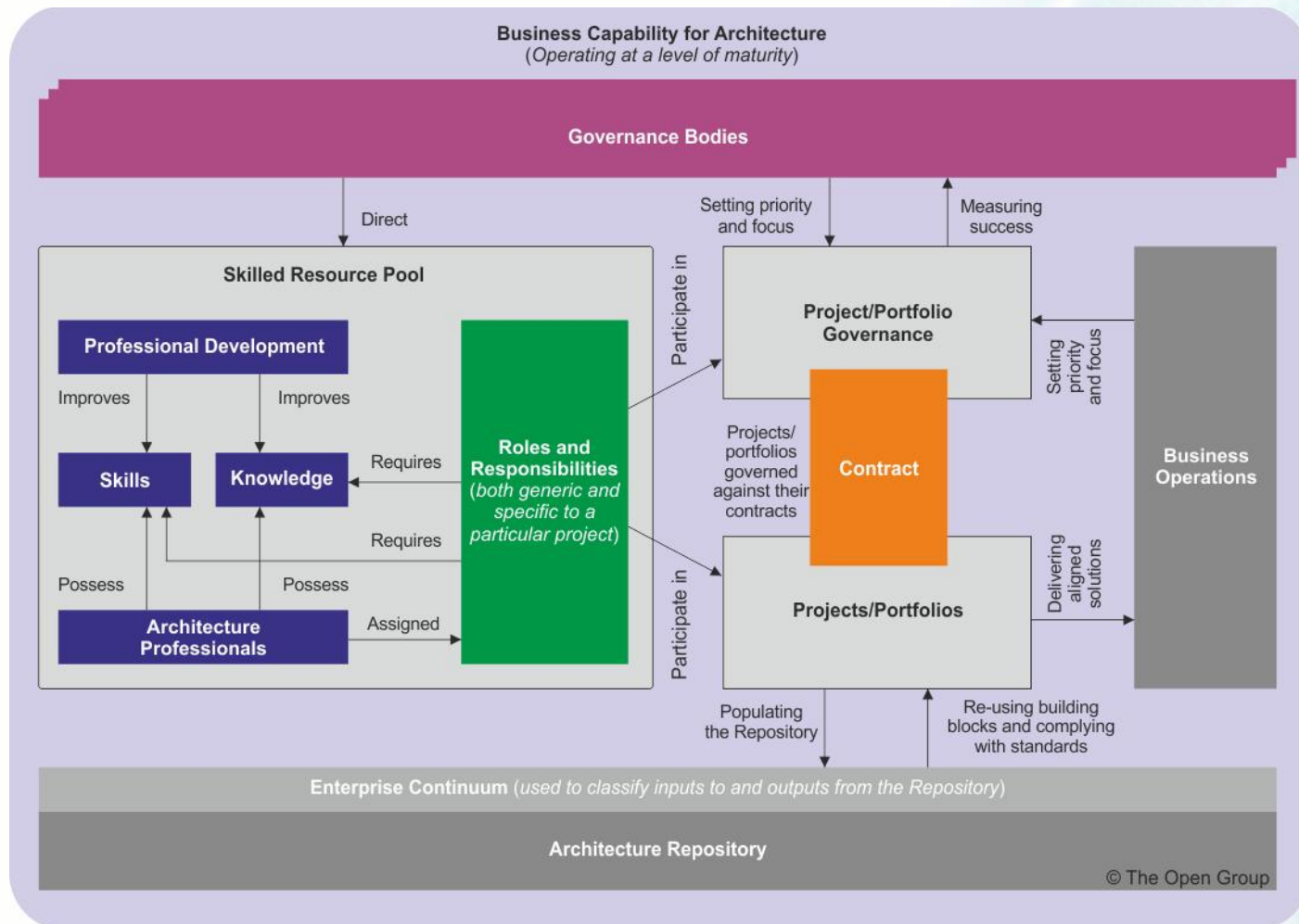
Boundaryless Information Flow™

- A trademark of The Open Group
- Access to integrated information to support business process improvements
- An infrastructure that provides Boundaryless Information Flow has open standard components that provide services in a customer's extended enterprise that:
 - Combine multiple sources of information
 - Securely deliver the information whenever and wherever it is needed, in the right context for the people or systems using that information

The Integrated Information Infrastructure Reference Model (III-RM)



Capability Framework



Establishing the Architecture Capability as an Operational Entity

- The Architecture Capability Framework provides guidance on establishing an operational enterprise architecture practice
- It recommends they include capabilities such as:
 - Financial Management
 - Performance Management
 - Service Management
 - Risk Management
 - Resource Management
 - Communications and Stakeholder Management
 - Quality Management
 - Supplier Management
 - Configuration Management
 - Environment Management

Summary

- Architecture Development Method (ADM)
 - An iterative sequence of steps to develop an enterprise-wide architecture
- ADM Guidelines and Techniques
 - Guidelines and techniques to support the application of the ADM
- Architecture Content Framework
 - A detailed model of architectural work products, including deliverables, artifacts within deliverables, and the Architecture Building Blocks (ABBs) that deliverables represent.

Summary

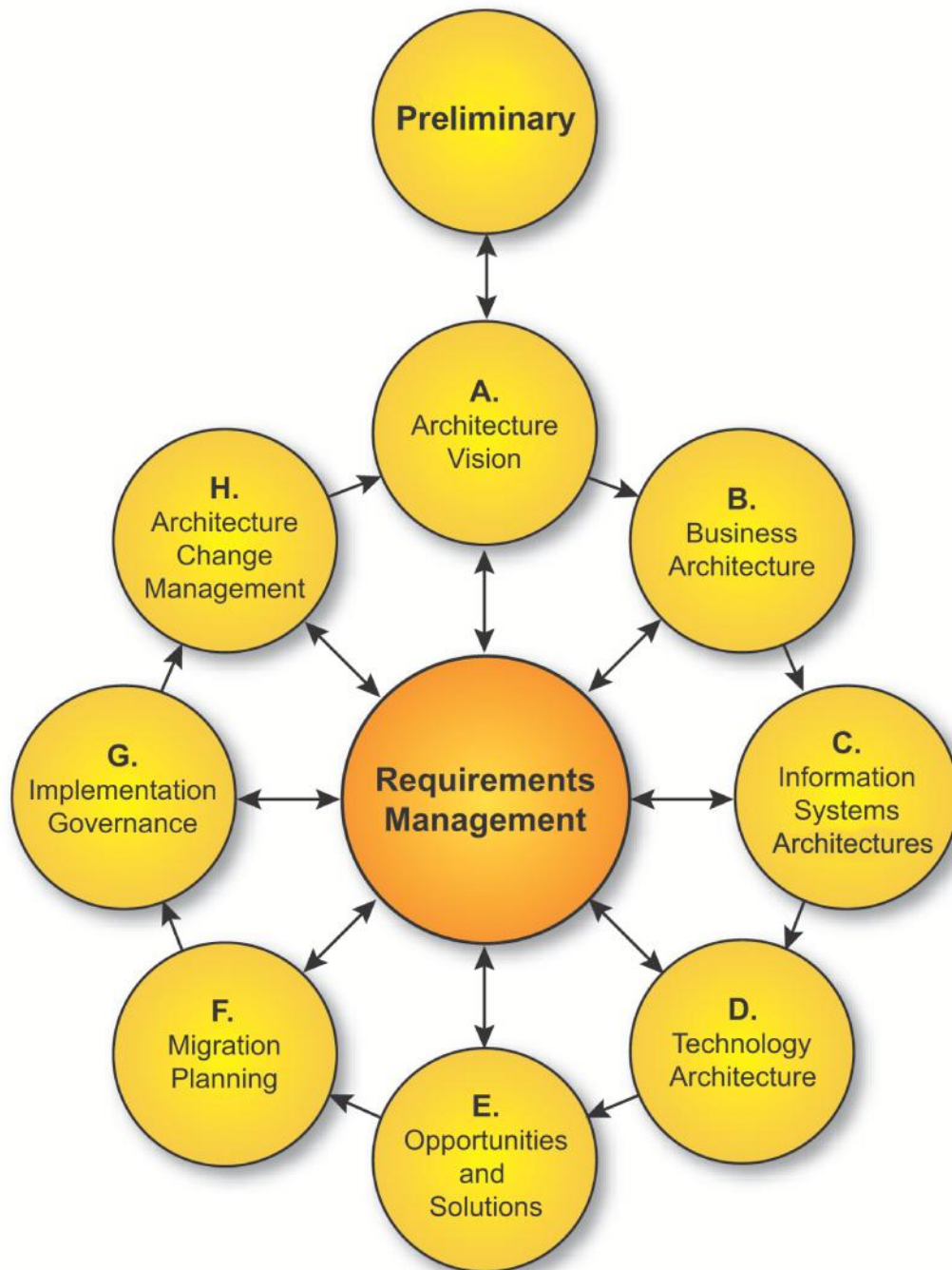
- The Enterprise Continuum
 - A model for structuring a virtual repository and methods for classifying architecture and solution artifacts.
 - Supported by the Architecture Repository, a model for a physical repository
- TOGAF Reference Models:
 - The TOGAF **Technical Reference Model** (TRM)
 - The **Integrated Information Infrastructure Model** (III-RM).
- The Architecture Capability Framework
 - A structured definition of the organizations, skills, roles and responsibilities to establish and operate an Enterprise Architecture.

Test Yourself Question

Q: Which of the following is not considered one of the main parts of TOGAF?

- A. Architecture Development Method
- B. Enterprise Continuum
- C. TOGAF Reference Models
- D. TOGAF Resource Base

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