

TOGAF

Version 9 Enterprise Edition

Module 35 Review and Way Ahead

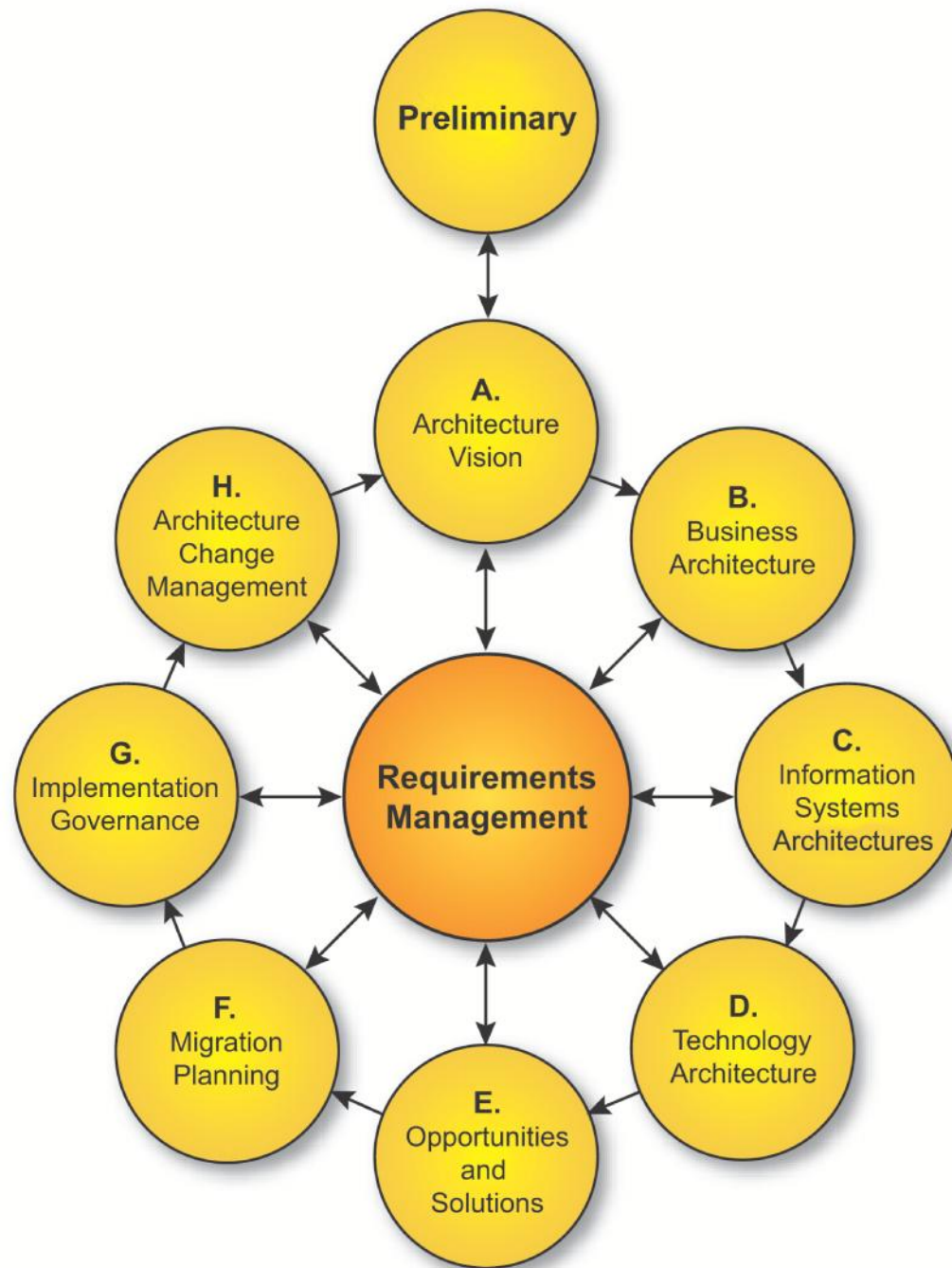
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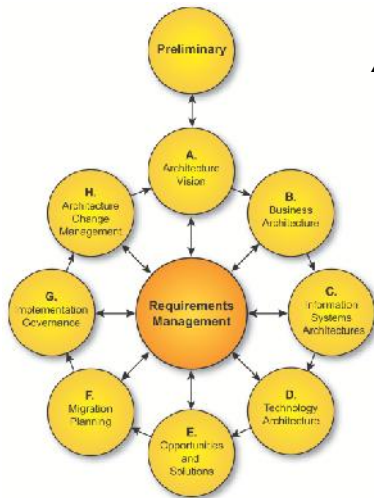
Module Objectives

- To review the main components and key concepts of TOGAF 9
 - **The Architecture Development Method (ADM)**
 - **ADM Guidelines and Techniques**
 - **Architecture Content Framework**
 - **The Enterprise Continuum**
 - **TOGAF Reference Models**
 - **The Architecture Capability Framework**
 - Establishing an EA Capability
- To identify some immediate next steps that could be taken to further Enterprise Architecture in your organization

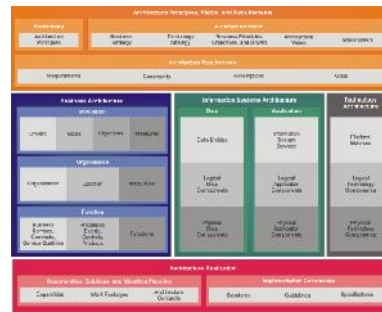


TOGAF 9 Components

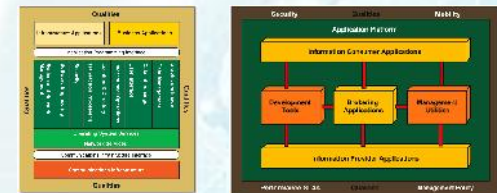
ADM



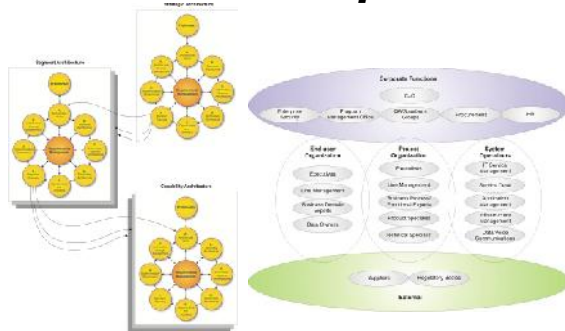
Architecture Content Framework



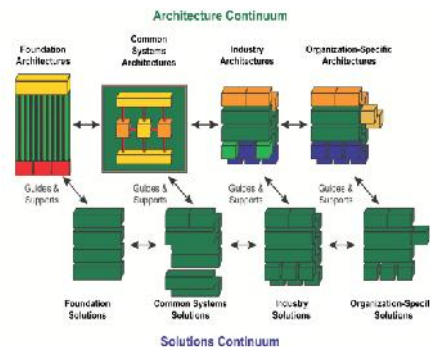
Reference Models



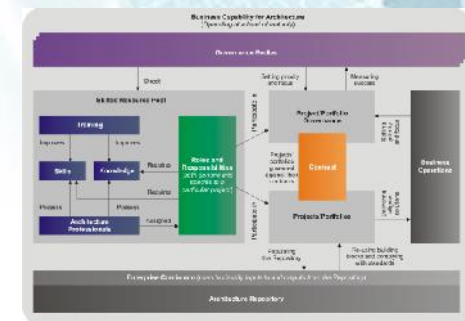
ADM Guidelines & Techniques



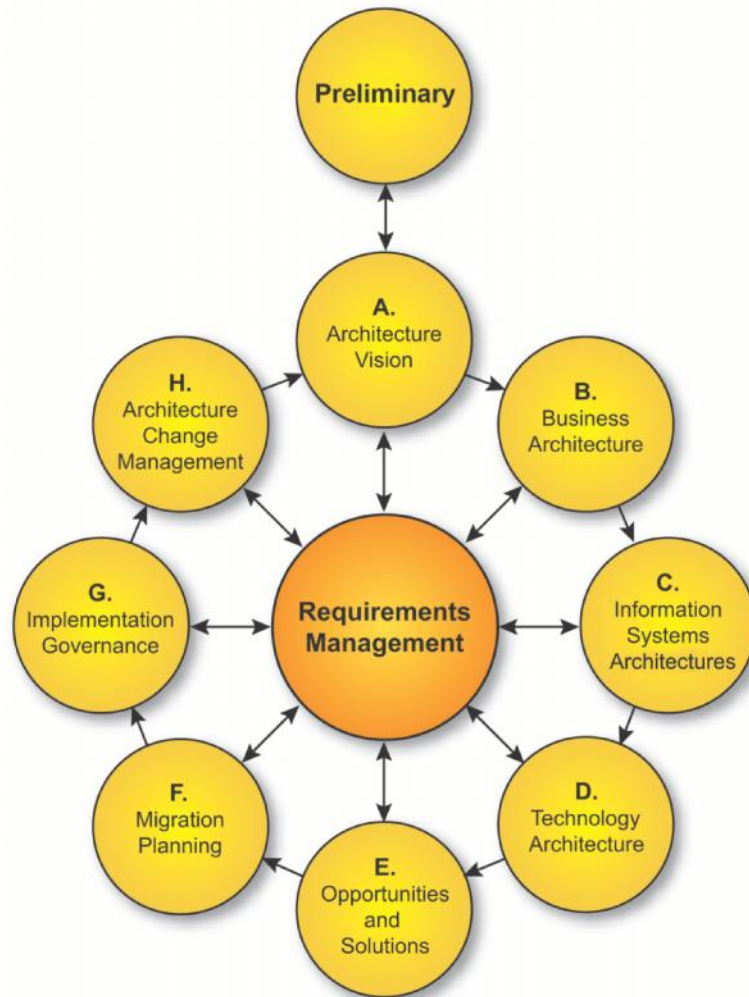
Enterprise Continuum



Architecture Capability Framework



The Architecture Development Method



- The core of TOGAF
- A proven way of developing an architecture
- Specifically designed to address business requirements
- An iterative method
- A set of architecture views to ensure that a complex set of requirements are adequately addressed



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).



Guidelines

- Guidelines for Adapting the ADM Process
 - Ways to apply iteration to the ADM,
 - Applying the ADM at different levels of the enterprise,
 - Security considerations for the different phases and
 - Supporting SOA

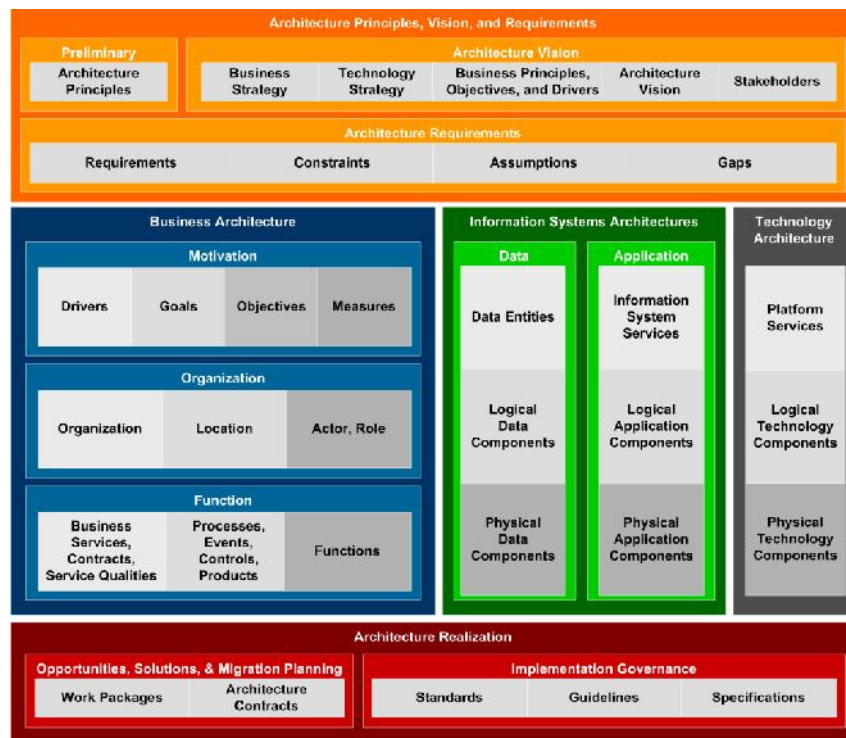


Techniques

- Techniques for Architecture Development,
 - Architecture Principles,
 - Stakeholder Management,
 - Architecture Patterns,
 - Business Scenarios,
 - Gap Analysis,
 - Migration Planning Techniques
 - Interoperability Requirements,
 - Business Transformation Readiness Assessment,
 - Risk Management,
 - Capability-Based Planning



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

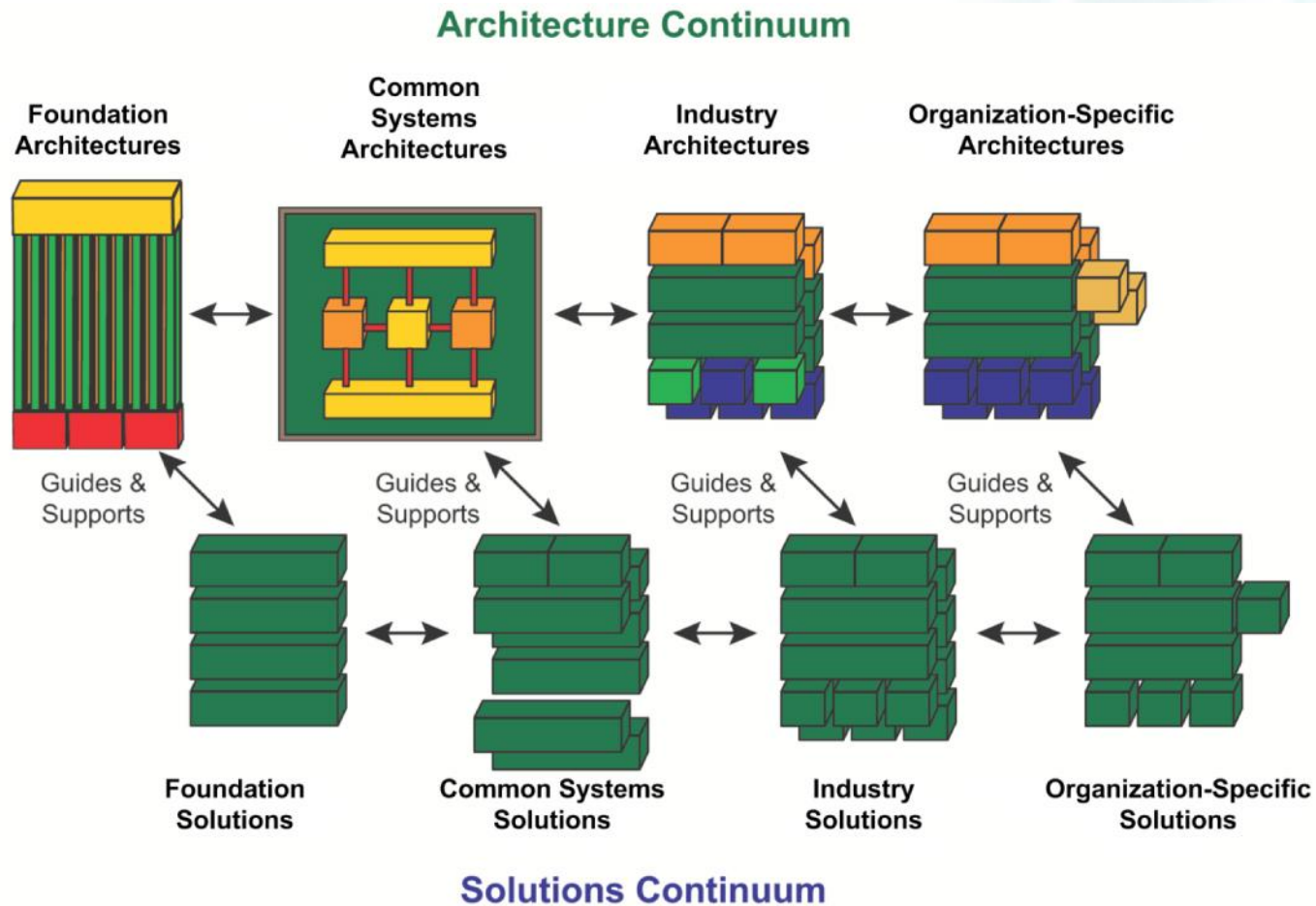


Architecture Deliverables

- Architecture Building Blocks
- Architecture Contract
- Architecture Definition Document
- Architecture Principles
- Architecture Repository
- Architecture Requirements
- Architecture Roadmap
- Architecture Vision
- Business Principles, Business Goals and Business Drivers
- Capability Assessment
- Change Request
- Communications Plan
- Implementation and Migration Plan
- Implementation Governance Model
- Organizational model for Enterprise Architecture
- Request for Architecture Work
- Requirements Impact Assessment
- Solution Building Blocks
- Statement of Architecture Work
- Tailored Architecture Framework
- Transition Architecture



The Enterprise Continuum



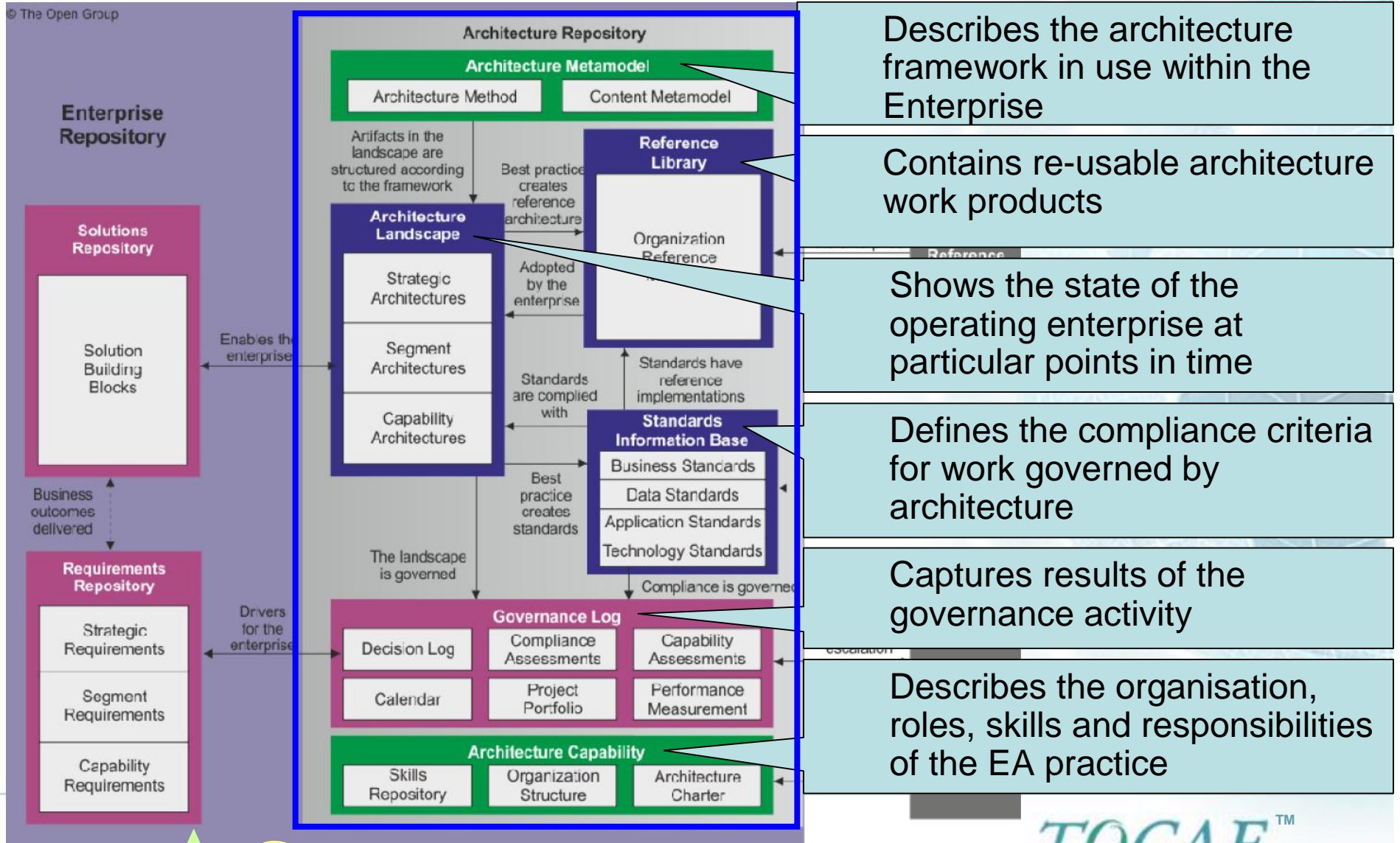
TOGAF Reference Models

- 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 FlowTM*



Architecture Repository

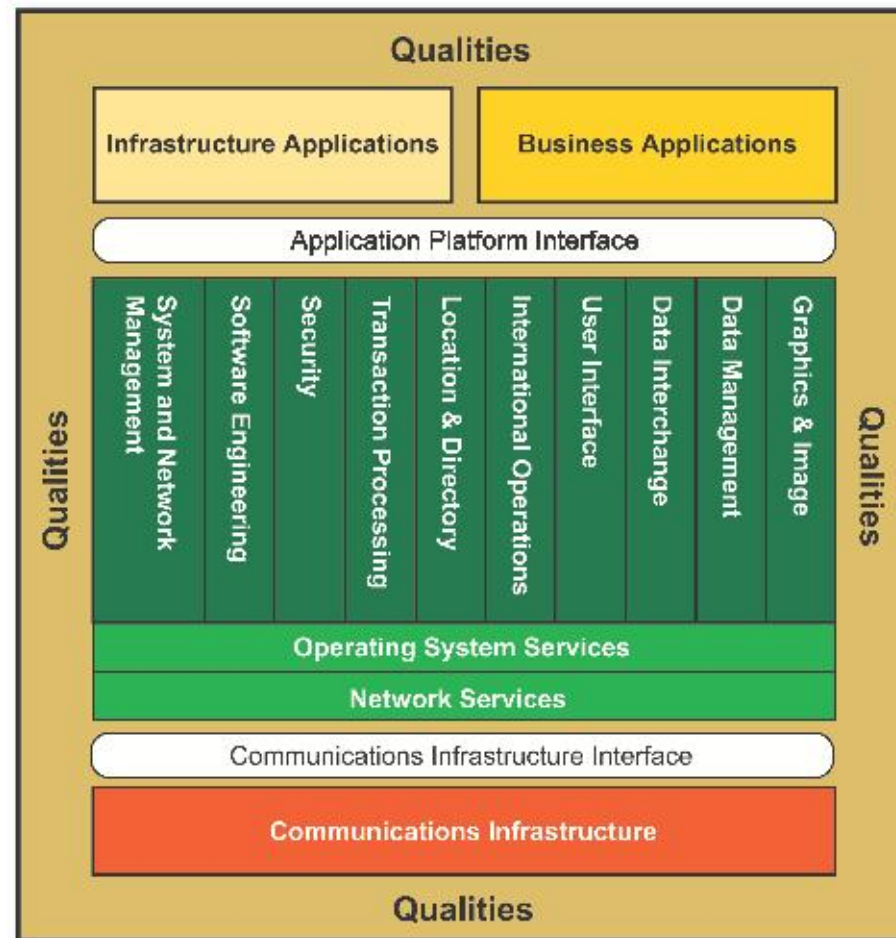
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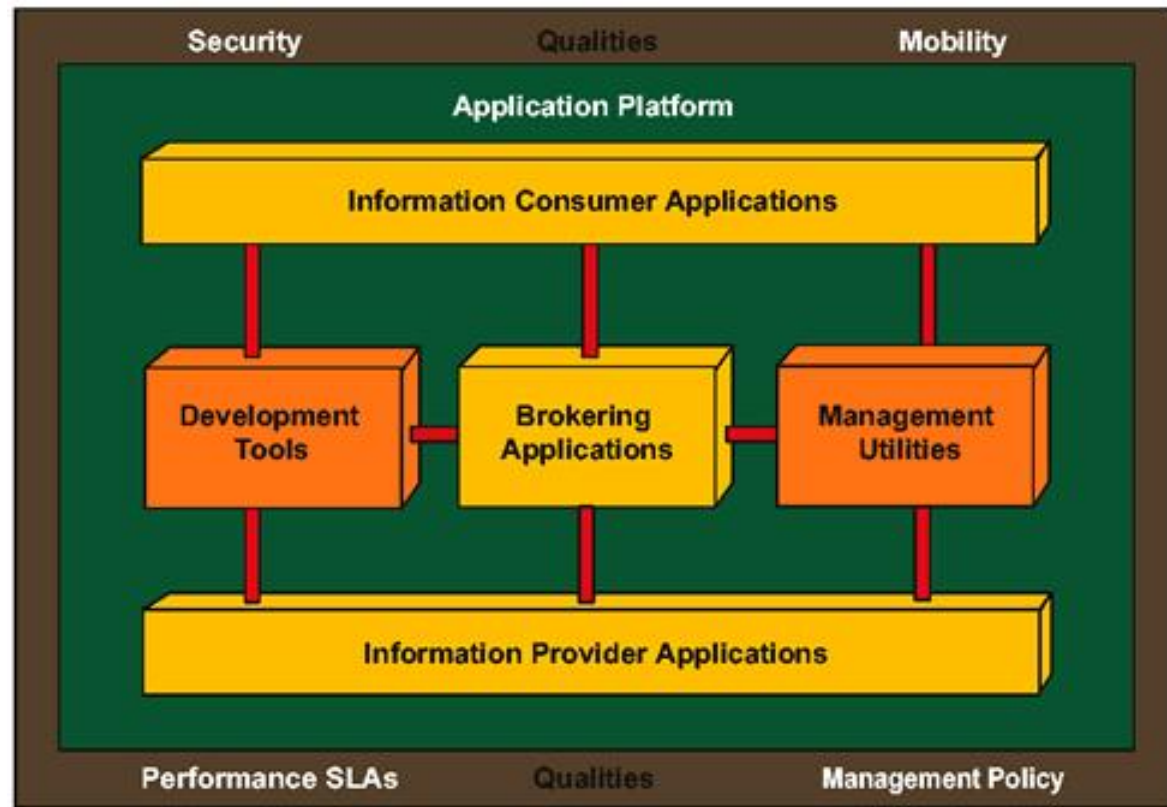
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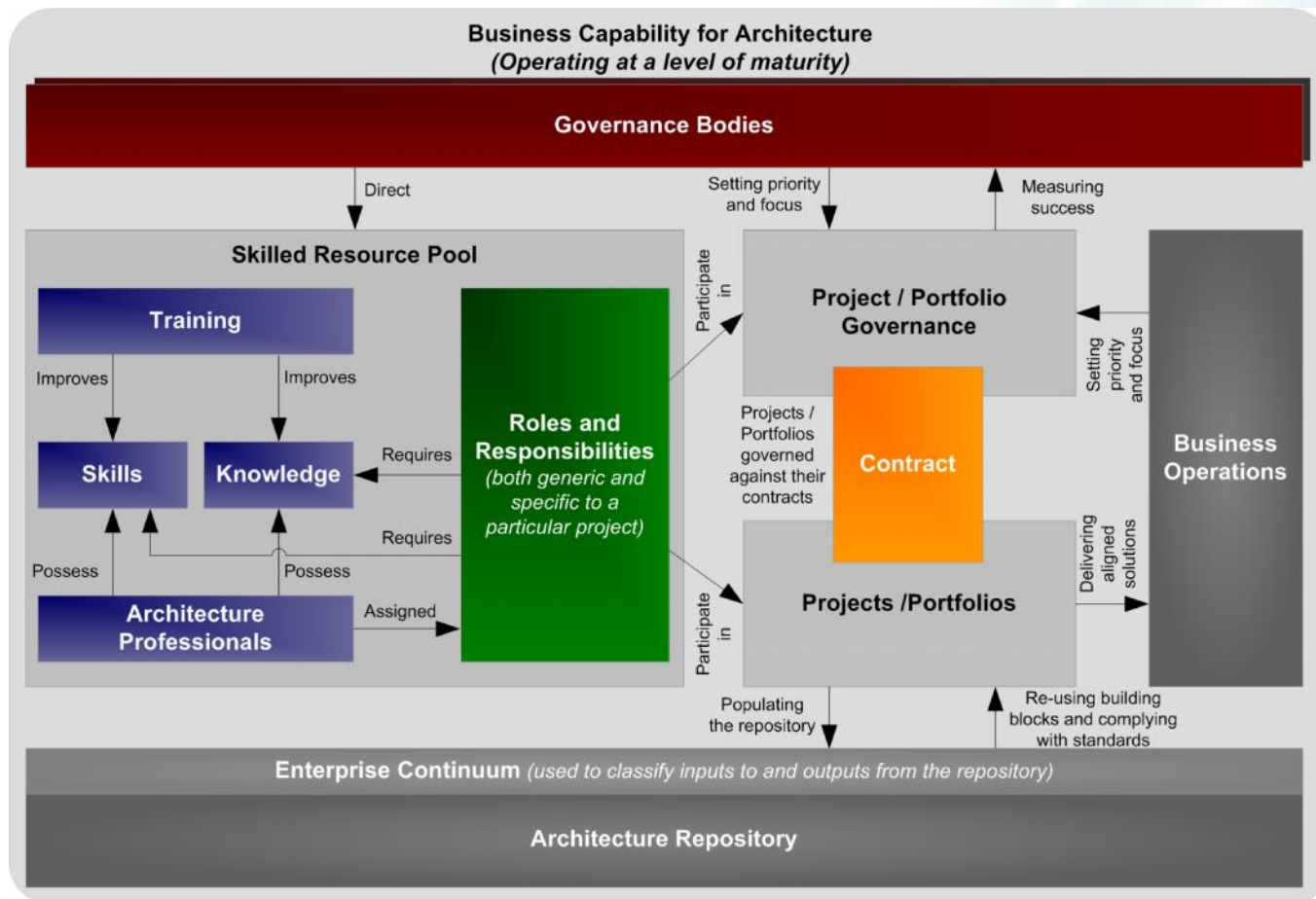
Detailed TRM



The Integrated Information Infrastructure Reference Model (III-RM)



Capability Framework



Establishing an Architecture Capability

- TOGAF provides guidelines to establish an EA capability
 - Use of the ADM
 - Treat as an ongoing practice
 - Address the four domain architectures
 - **Business Architecture** : the architecture governance, architecture processes, architecture organizational structure, architecture information requirements, architecture products, etc.
 - **Data Architecture** : the structure of the organization's Enterprise Continuum and Architecture Repository
 - **Application Architecture**: the functionality and/or applications services required to enable the architecture practice
 - **Technology Architecture**: infrastructure requirements and deployment in support of the architecture applications and Enterprise Continuum

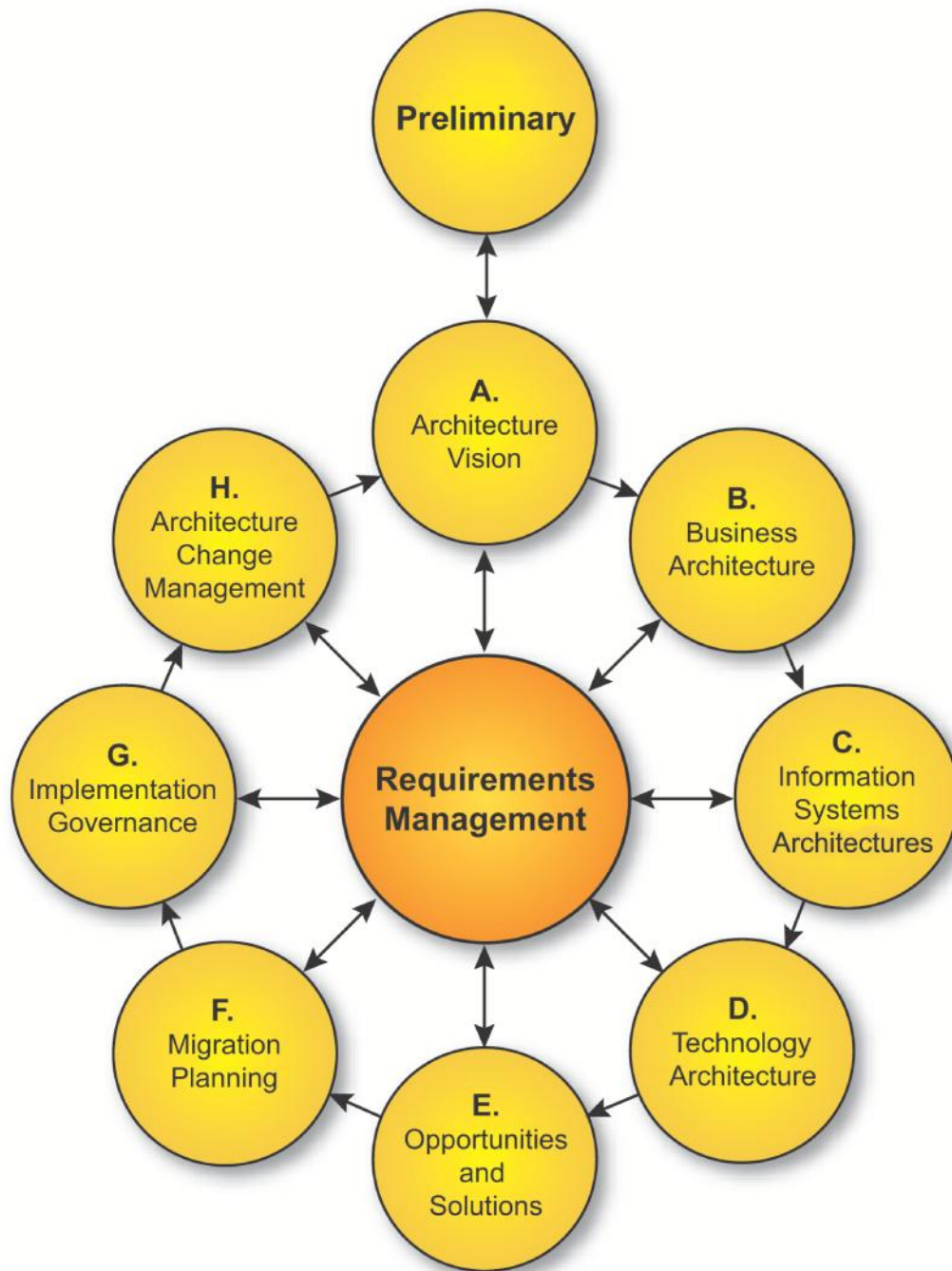


Possible Next Steps [1]

- Set up an Architecture Board or Architecture Forum
- Analyze your Stakeholders
- Identify a key Stakeholder or Sponsor
- Obtain the company vision and strategy
- Create an Architecture Vision Statement
- Propose a set of Architecture Principles
- Find some Reference Models for your industry
- Collect inventories of existing architecture assets
- Review any existing IT Strategy or Roadmap

Possible Next Steps [2]

- Prepare a TOGAF Information Pack
- Give TOGAF Presentations to other departments
- Arrange TOGAF Training for more colleagues
- Identify any Architecture Tools currently in place
- Evaluate potential tools for your Enterprise Architecture work
- Propose a team structure for your EA Group
- Arrange an Architecture Capability Maturity Assessment for your organization
- ...



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