iServer 2010

Enterprise Architecture and Business Process Solutions
For Microsoft and Visio users

TOGAF 9 In Pictures

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Enterprise Architecture Software

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Introduction

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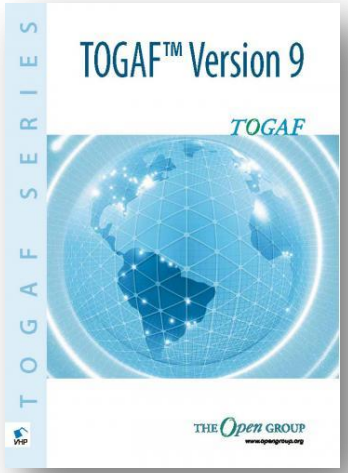
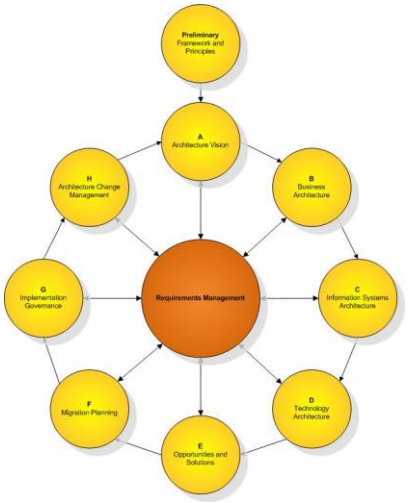
TOGAF is an Architecture Framework which has been developed by the Open Group *"to provide the methods and tools for assisting in the acceptance, production, use and maintenance of an Enterprise Architecture".*

THE Open GROUP
Making standards work®





This guide has been designed to give a quick and simple pictorial introduction to TOGAF9, broken down into 6 main 'modules', following the modular structure of TOGAF9, which has been a change from TOGAF8.

TOGAF9 Modular Structure

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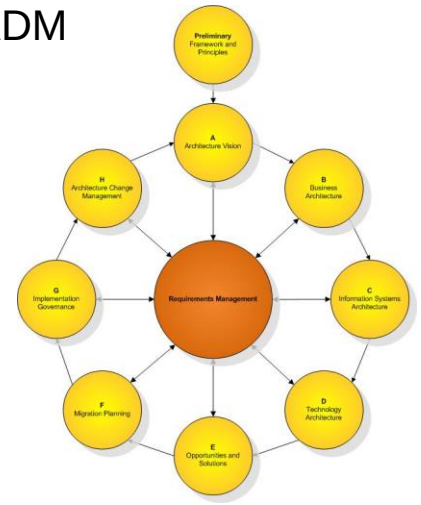
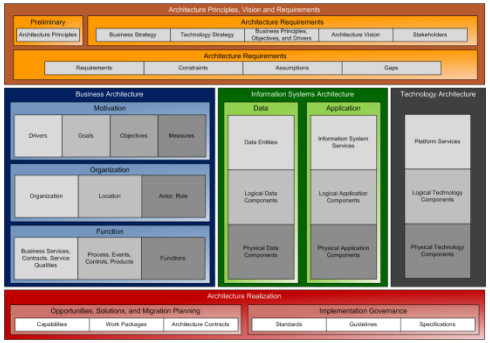
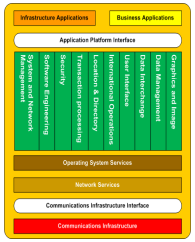
ADM

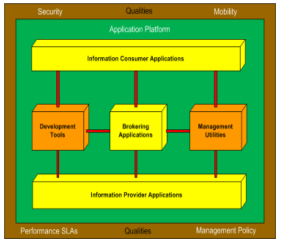


Architecture Content Framework

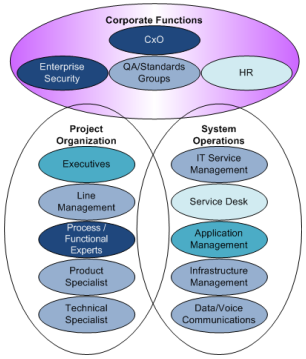


Reference Models

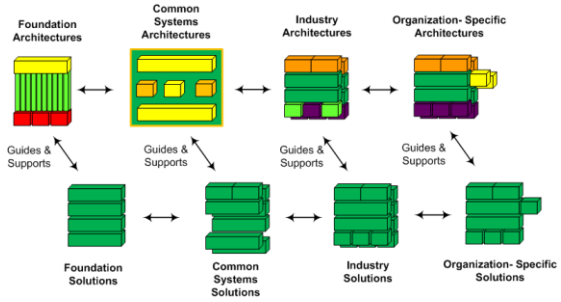




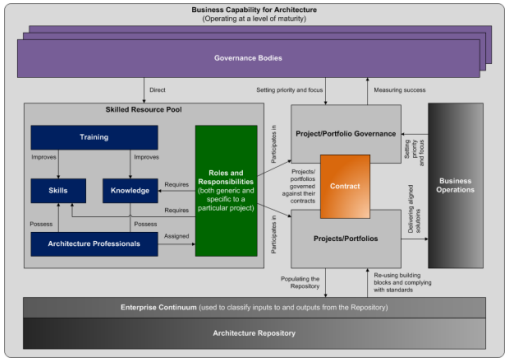
ADM Guidelines & Techniques



Enterprise Continuum



Architecture Capability Framework



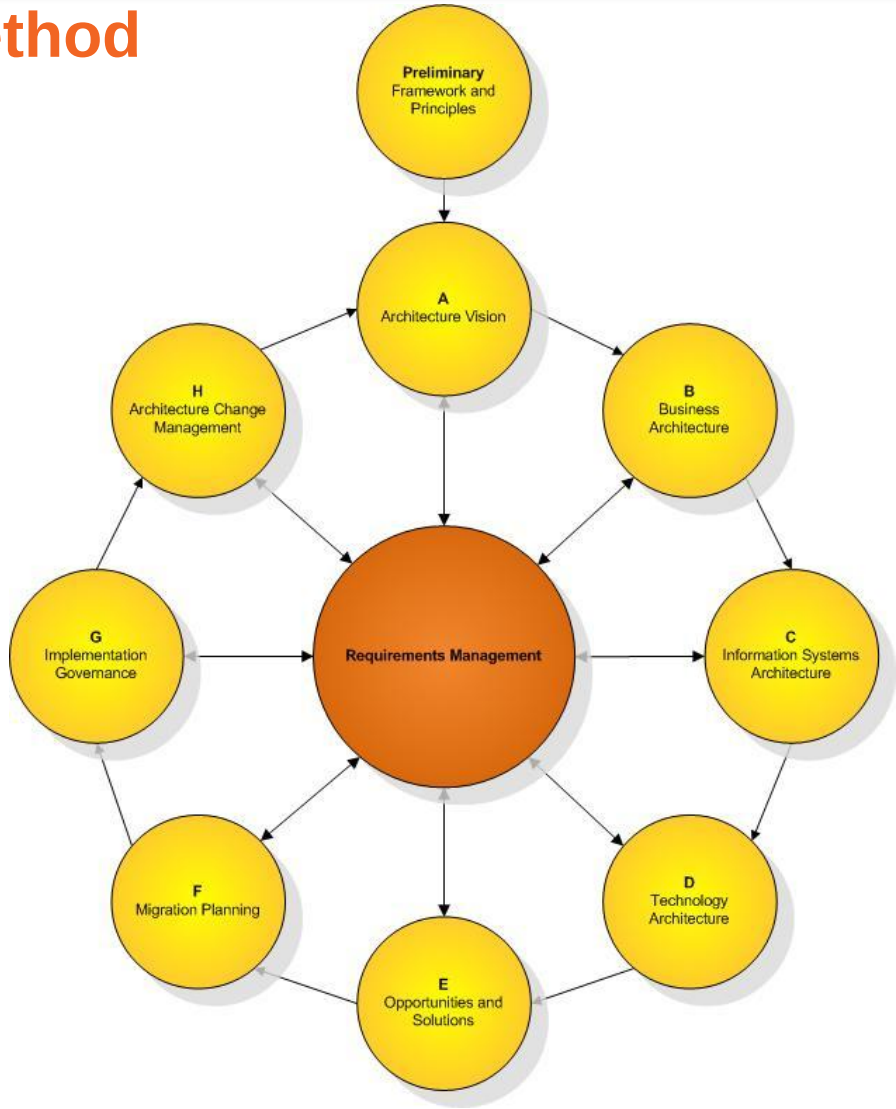
Architecture Development Method

A STEP-BY-STEP *approach*

A METHOD *for developing EA*

THE CORE *of TOGAF*

HELPS ESTABLISH *an EA Framework*



ADM is an Iterative Process

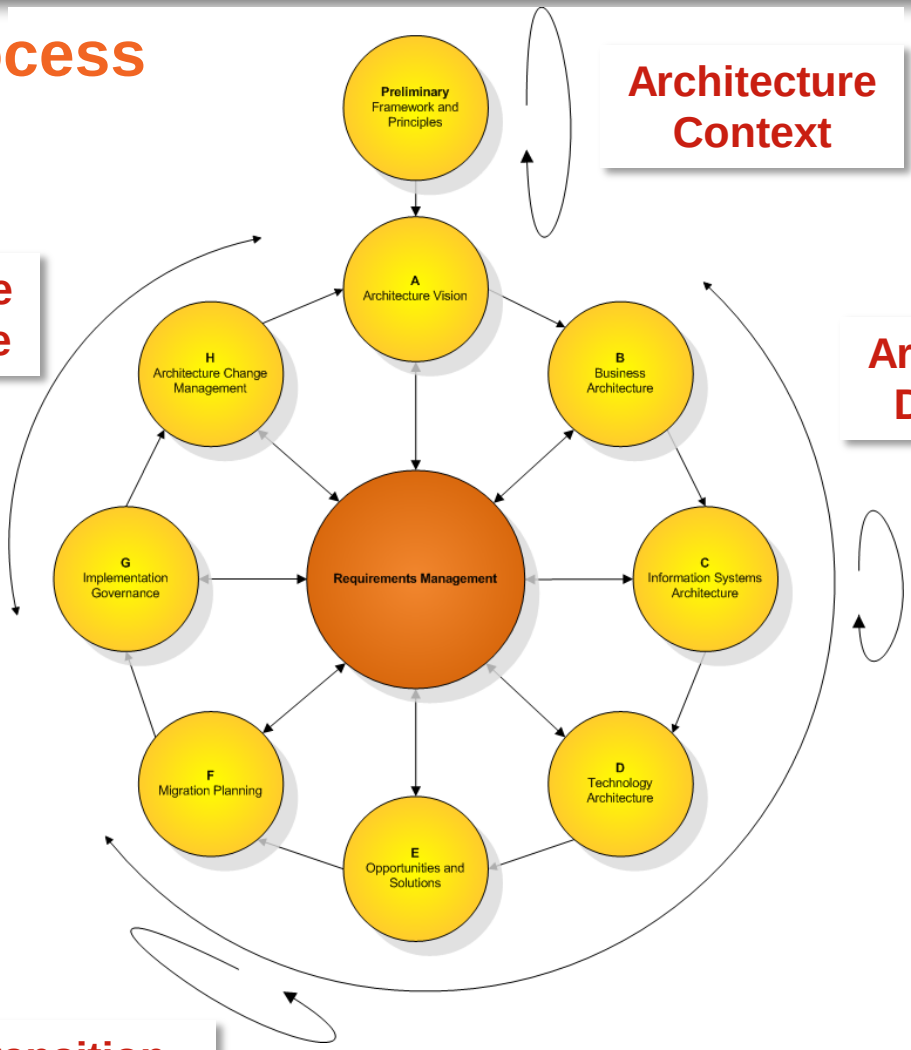
OVER *the whole process;*

BETWEEN *phases;*

WITHIN *phases*

New Iteration

➢**New Decisions**



ADM Phase: Preliminary

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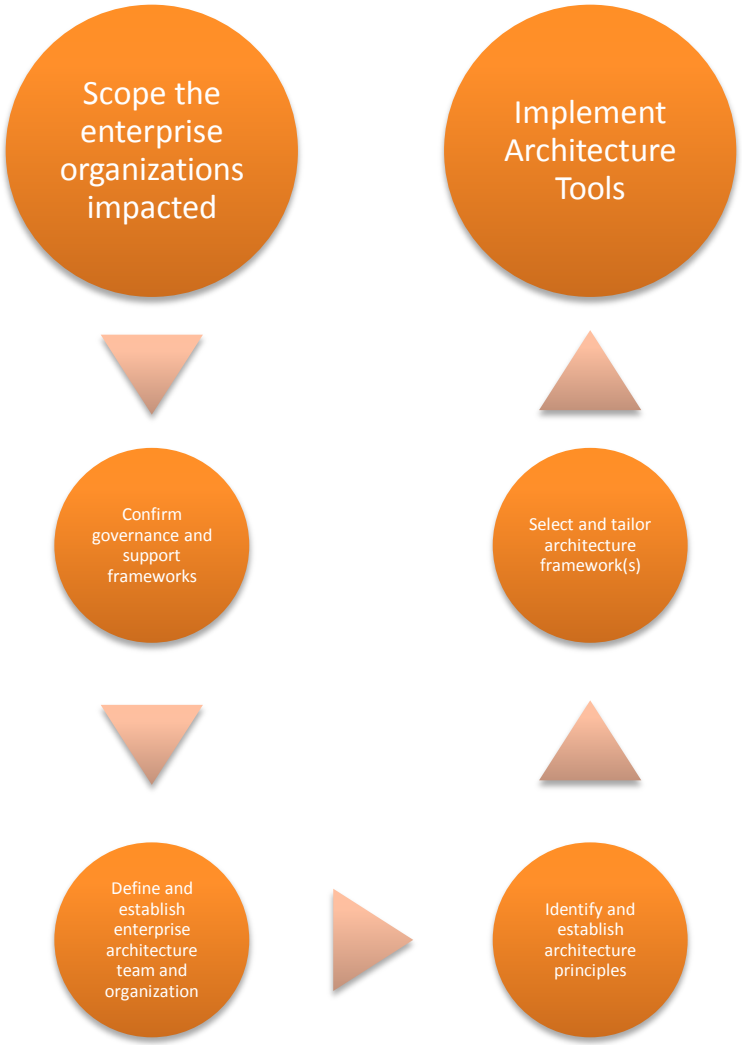
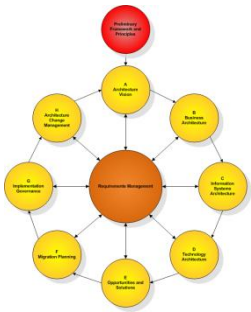
Inputs	Steps	Outputs

- Architecture Principles
- Organizational model for EA
- Tailored Architecture Framework



- Architecture Principles
- Business Principles, Business Goals, and Business Drivers
- Organizational model for EA
- Request for Architecture Work
- Tailored Architecture Framework



ADM Phase A: Architecture Vision

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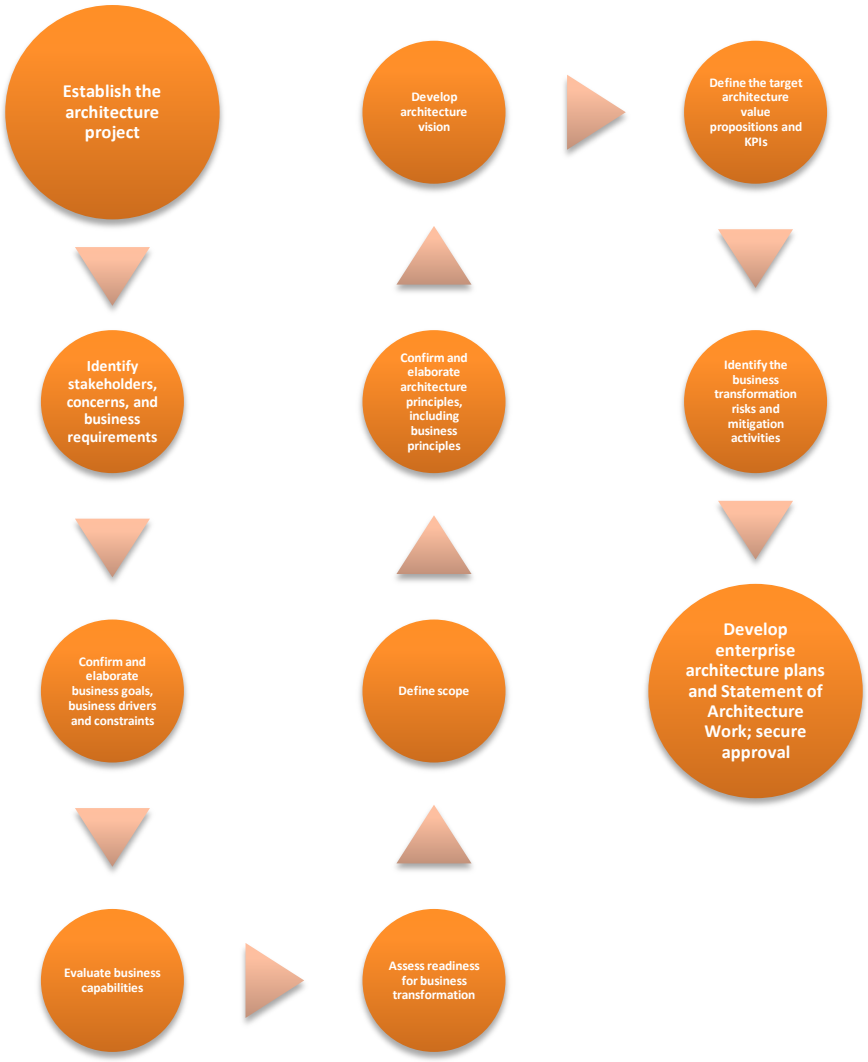
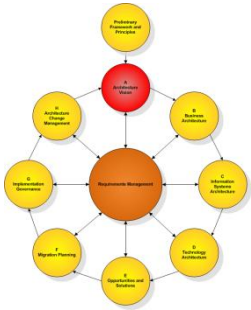
Inputs	Steps	Outputs

- Architecture Building Blocks
- Architecture Principles
- Architecture Vision
- Business Principles, Business Goals and Business Drivers
- Organizational model for EA
- Request for Architecture Work
- Statement of Architecture Work
- Tailored Architecture Framework



- Architecture Principles
- Business Principles, Business Goals, and Business Drivers
- Statement of Architecture Work
- Architecture Vision
- Communications Plan
- Capability Assessment
- Tailored Architecture Framework



ADM Phase B: Business Architecture

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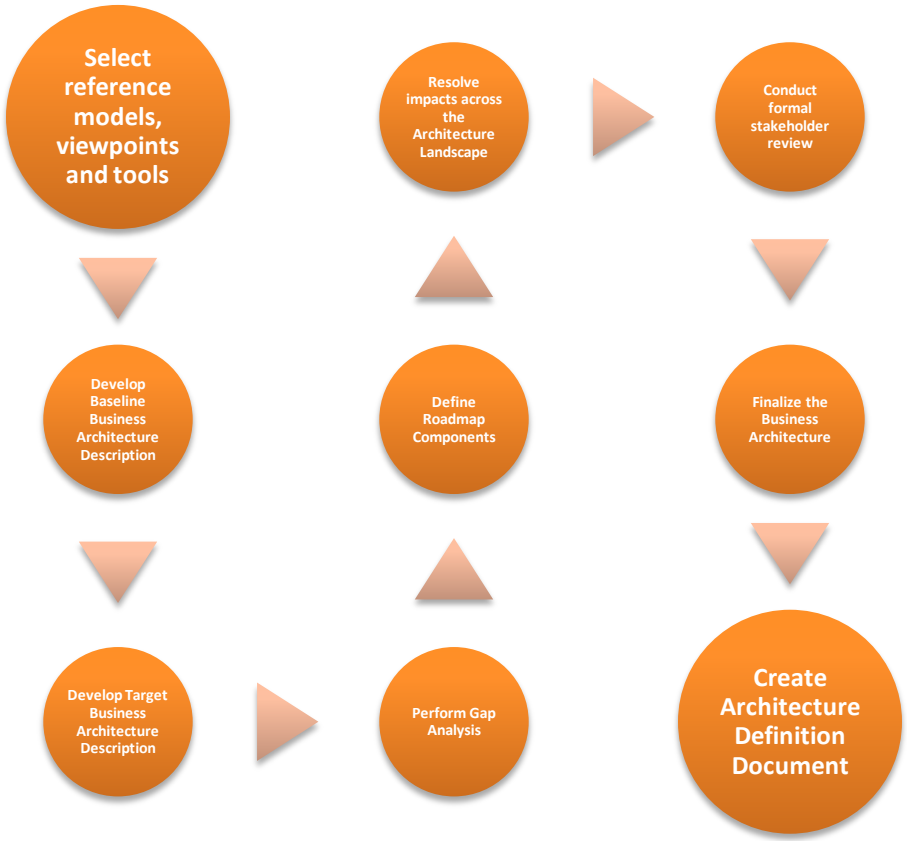
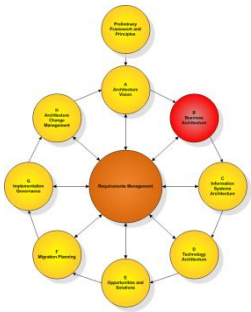
Inputs	Steps	Outputs

- Architecture Building Blocks
- Architecture principles
- Architecture Vision
- Business Principles, Business Goals and Business Drivers
- Request for Architecture Work
- Capability Assessment
- Communications Plan
- Organization model for EA
- Statement of Architecture Work
- Tailored Architecture Framework



- Architecture Principles
- Architecture Requirements Specification
- Architecture Roadmap
- Business Principles, Business Goals and Business Drivers
- Statement of Architecture Work



ADM Phase C: Inf. Systems Architecture

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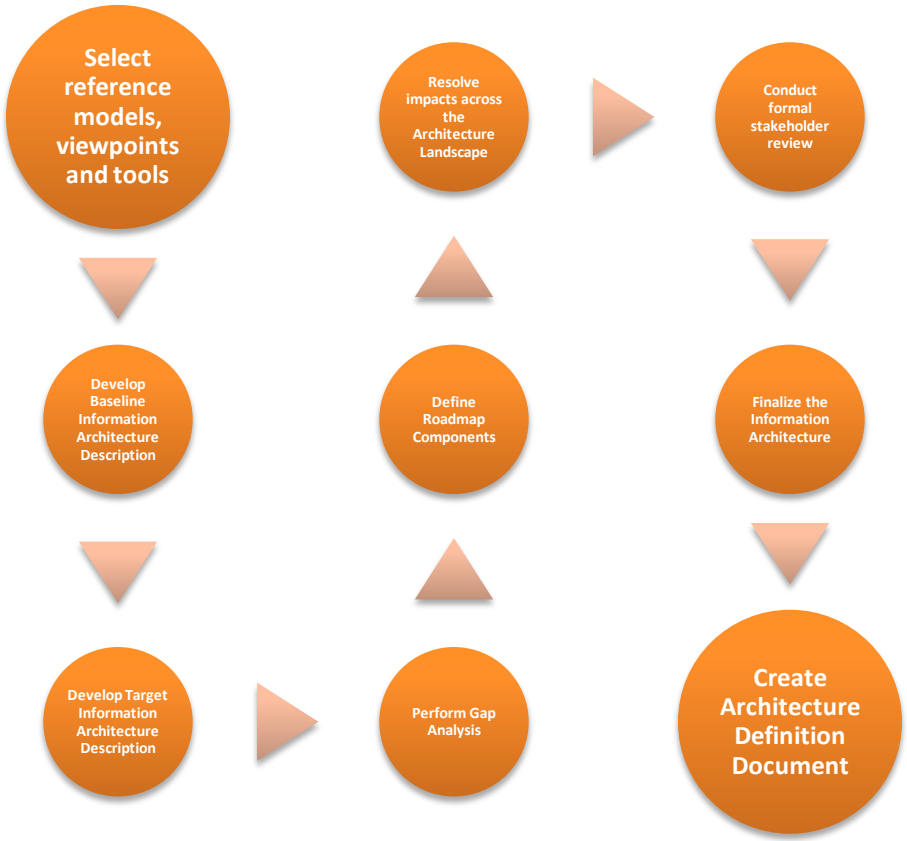
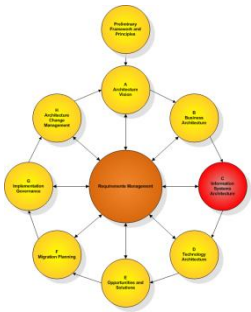
Inputs	Steps	Outputs

- Architecture Building Blocks
- Architecture Definition Document
- Architecture Principles
- Architecture Requirements Specification
- Architecture Roadmap
- Architecture Vision
- Request for Architecture Work
- Capability Assessment
- Communications Plan
- Organization Model for EA
- Statement of Architecture Work
- Tailored Architecture Framework

Phase C includes Data Architecture and Application Architecture



- Architecture Definition Document
- Architecture Principles
- Architecture Requirements Specification
- Architecture Roadmap
- Statement of Architecture Work



ADM Phase D: Technology Architecture

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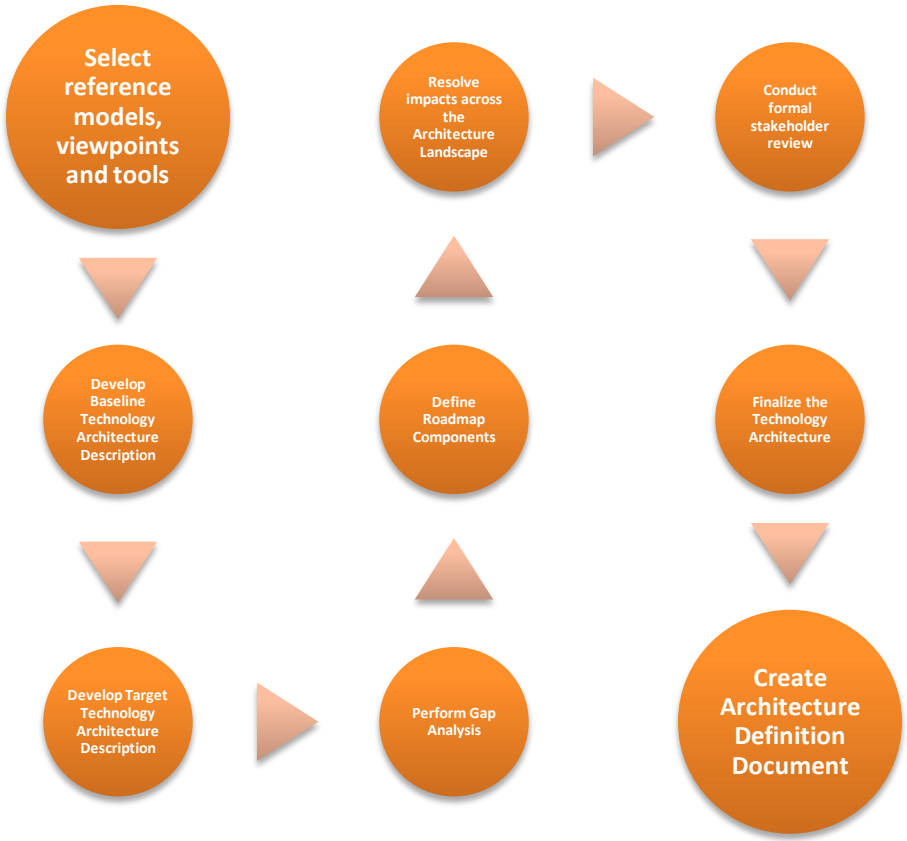
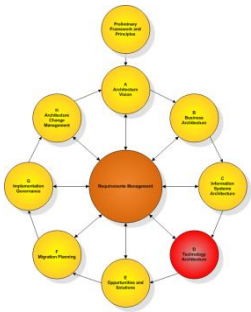
Inputs	Steps	Outputs

- Architecture Building Blocks
- Architecture Definition Document
- Architecture Principles
- Architecture Requirements Specification
- Architecture Roadmap
- Architecture Vision
- Capability Assessment
- Communications Plan
- Organizational model for EA
- Statement of Architecture Work
- Tailored Architecture Framework



- Architecture Definition Document
- Architecture Principles
- Architecture Requirements Specification
- Architecture Roadmap
- Statement of Architecture Work



ADM Phase E: Opportunities and Solutions

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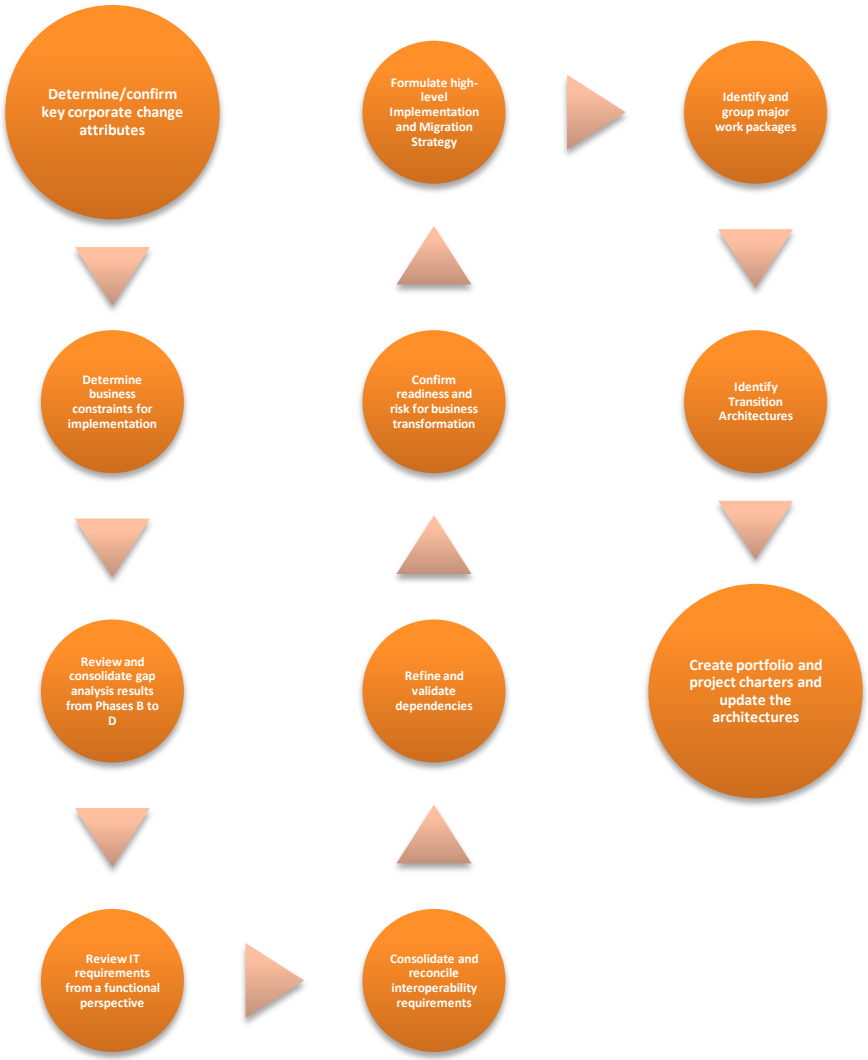
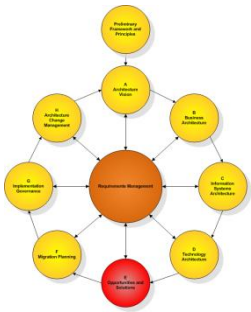
Inputs	Steps	Outputs
• Architecture Definition Document • Architecture Principles • Architecture Roadmap • Architecture Vision • Capability Assessment • Communications Plan • Organizational model for EA • Statement of Architecture Work • Tailored Architecture Framework		• Architecture Requirements Specification • Architecture Roadmap • Capability Assessment • Implementation and Migration Plan • Transition Architecture



ADM Phase F: Migration Planning

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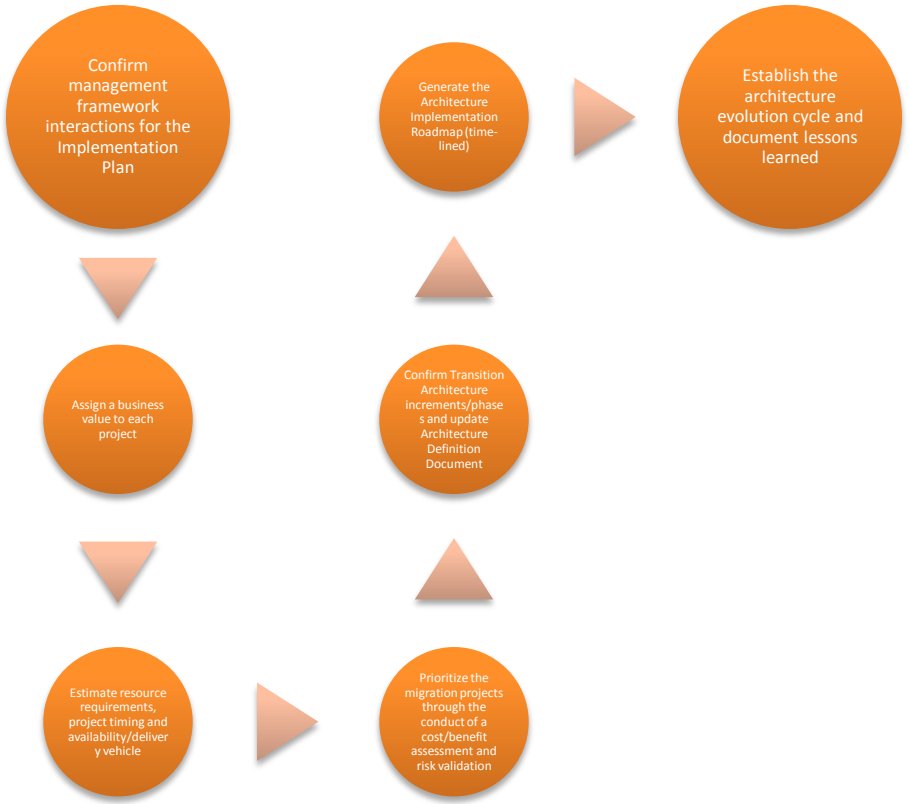
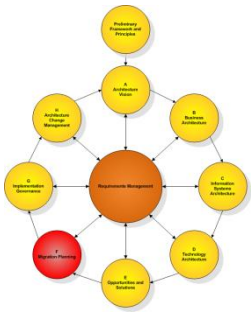
Inputs	Steps	Outputs

- Architecture Principles
- Architecture Roadmap
- Architecture Vision
- Capability Assessment
- Communications Plan
- Organizational model for EA
- Statement of Architecture Work
- Tailored Architecture Framework



- Architecture Building Blocks
- Architecture Contract
- Architecture Requirements Specification
- Architecture Roadmap
- Implementation and Migration Plan
- Request for Architecture Work
- Transition Architecture



ADM Phase G: Implementation Governance

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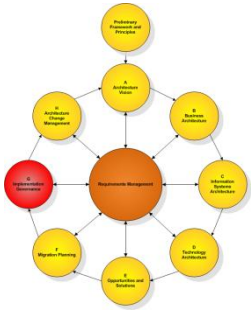
Inputs	Steps	Outputs
• Architecture Contract • Architecture Definition Document • Architecture Principles • Architecture Roadmap • Architecture Vision • Implementation Governance model • Organizational model for EA • Request for Architecture Work • Statement of Architecture Work • Tailored Architecture Framework • Transition Architecture	Confirm scope and priorities for deployment with development management Identify deployment resources and skills Guide development of solutions deployment Perform enterprise architecture compliance reviews Implement business and IT operations Perform post-implementation review and close the implementation	• Compliance Assessment • Solution Building Blocks



ADM Phase H: Change Management

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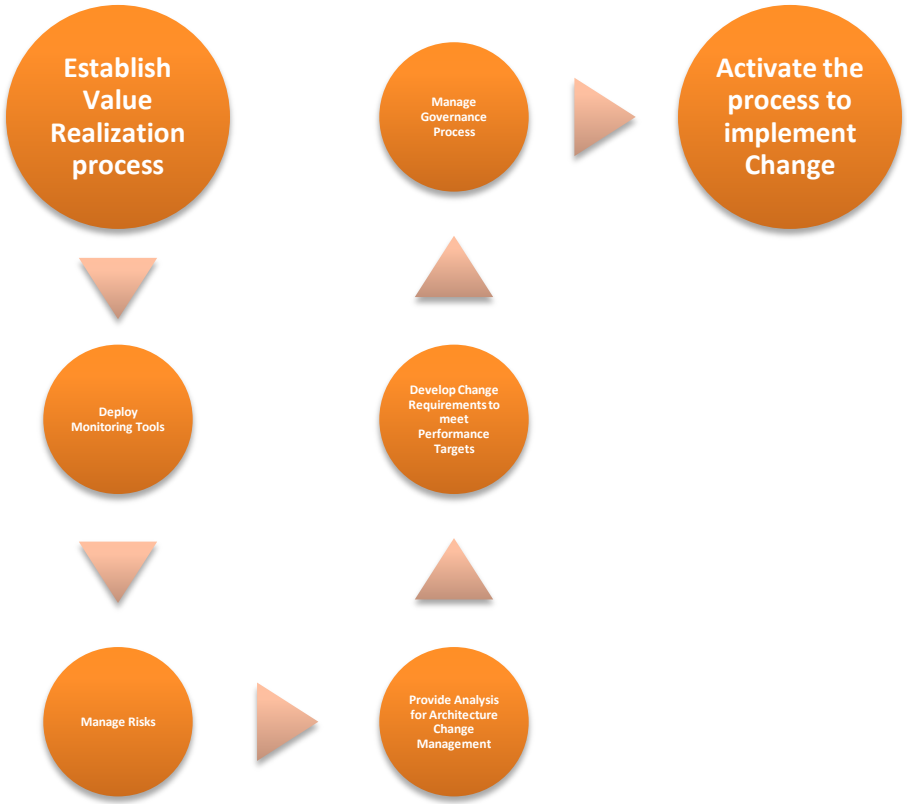
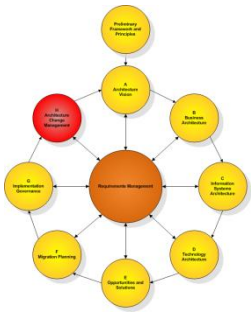
Inputs	Steps	Outputs

- Architecture Definition Document
- Architecture Principles
- Architecture Roadmap
- Architecture Vision
- Compliance Assessment
- Implementation Governance model
- Organizational model for EA
- Statement of Architecture Work
- Tailored Architecture Framework
- Transition Architecture



- Architecture Building Blocks
- Requirements Impact Assessment



ADM Phase: Requirements Management

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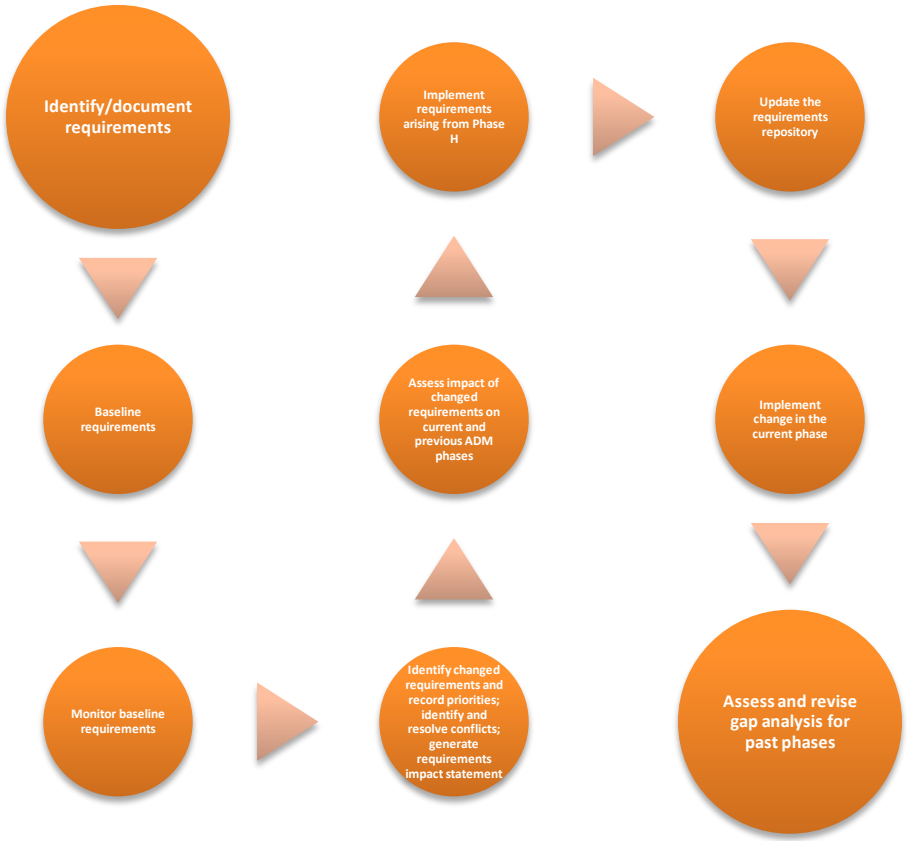
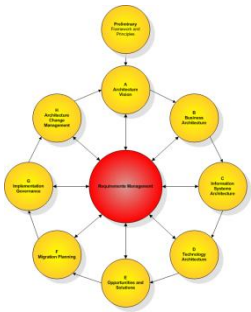
Inputs	Steps	Outputs

- The Inputs to the Requirement Management process are the requirements-related outputs from each ADM phase
- The first high-level requirements are produced as part of the Architecture Vision



- Changed Requirements
- Requirements Impact Assessment



Guidelines and Techniques

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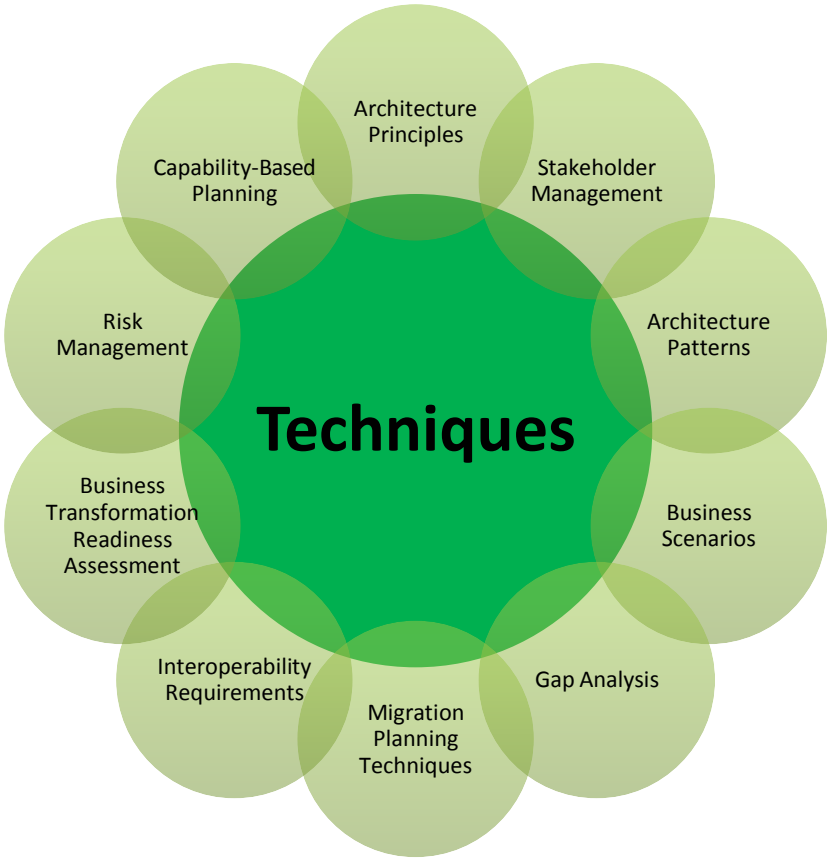
GUIDELINES *for Adapting the ADM Process*



TECHNIQUES *for Architecture Development*

Technique: Stakeholder Analysis

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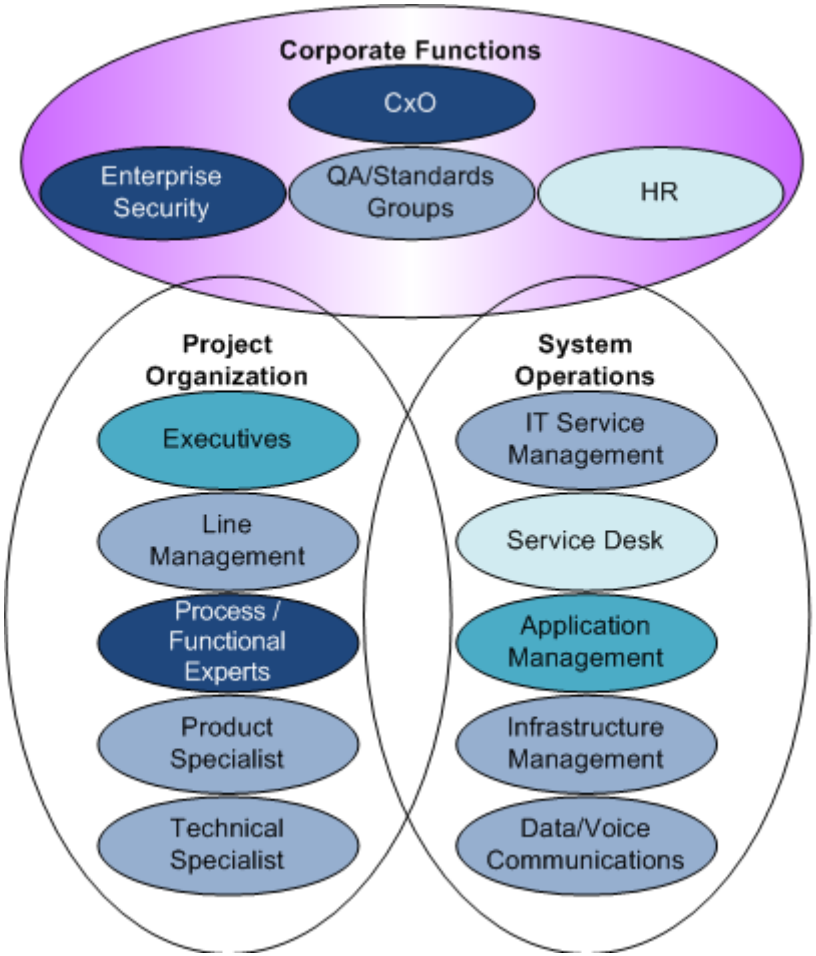
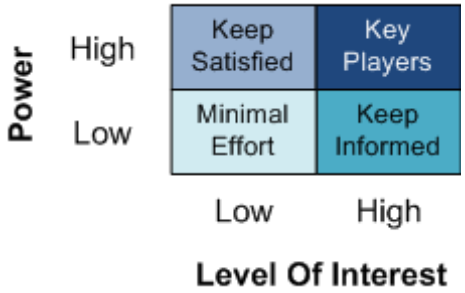
Win Support

FROM *Stakeholders*



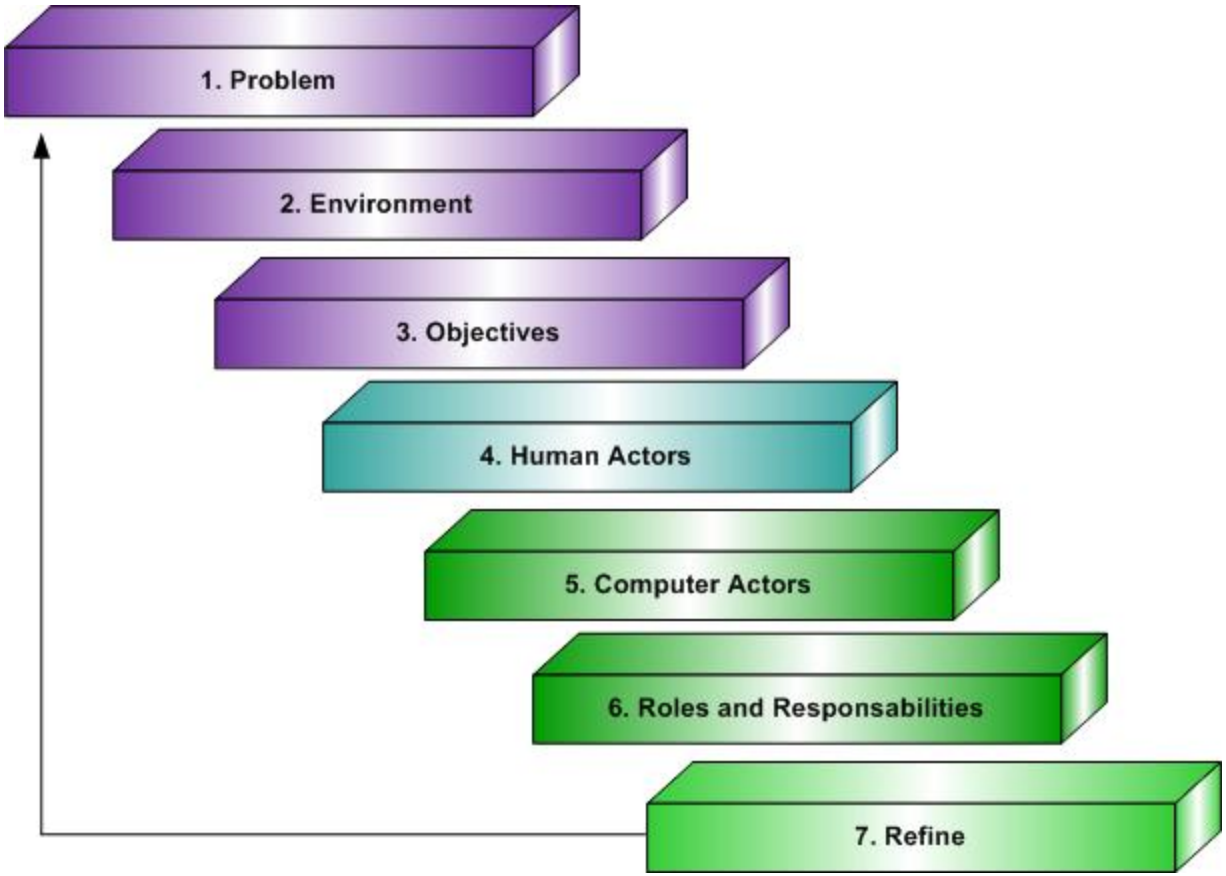


Method within a Method to…

IDENTIFY

ARTICULATE

Business requirements



Technique: Capability Based Planning

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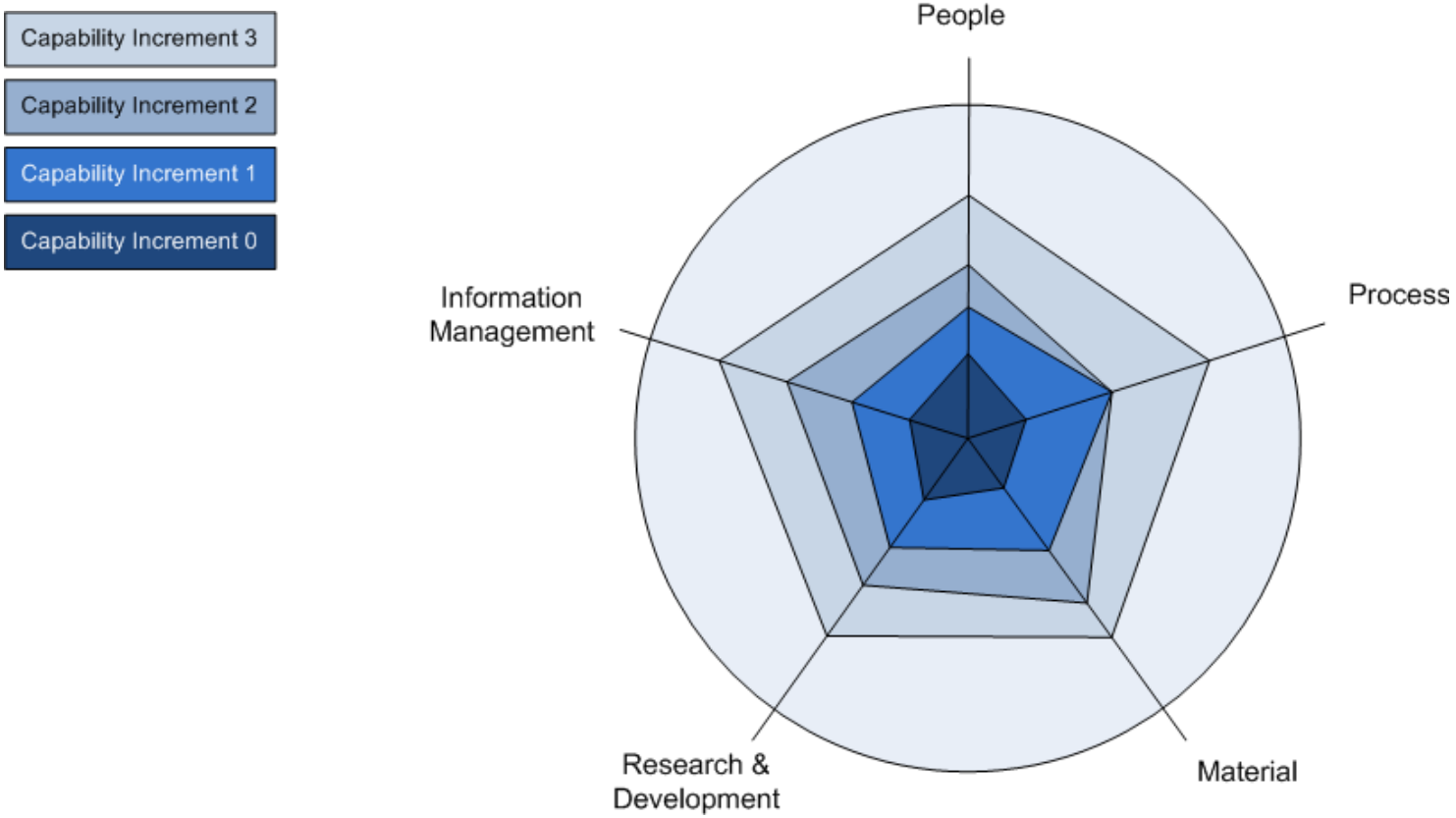
Manage

CAPABILITIES *of the enterprise*



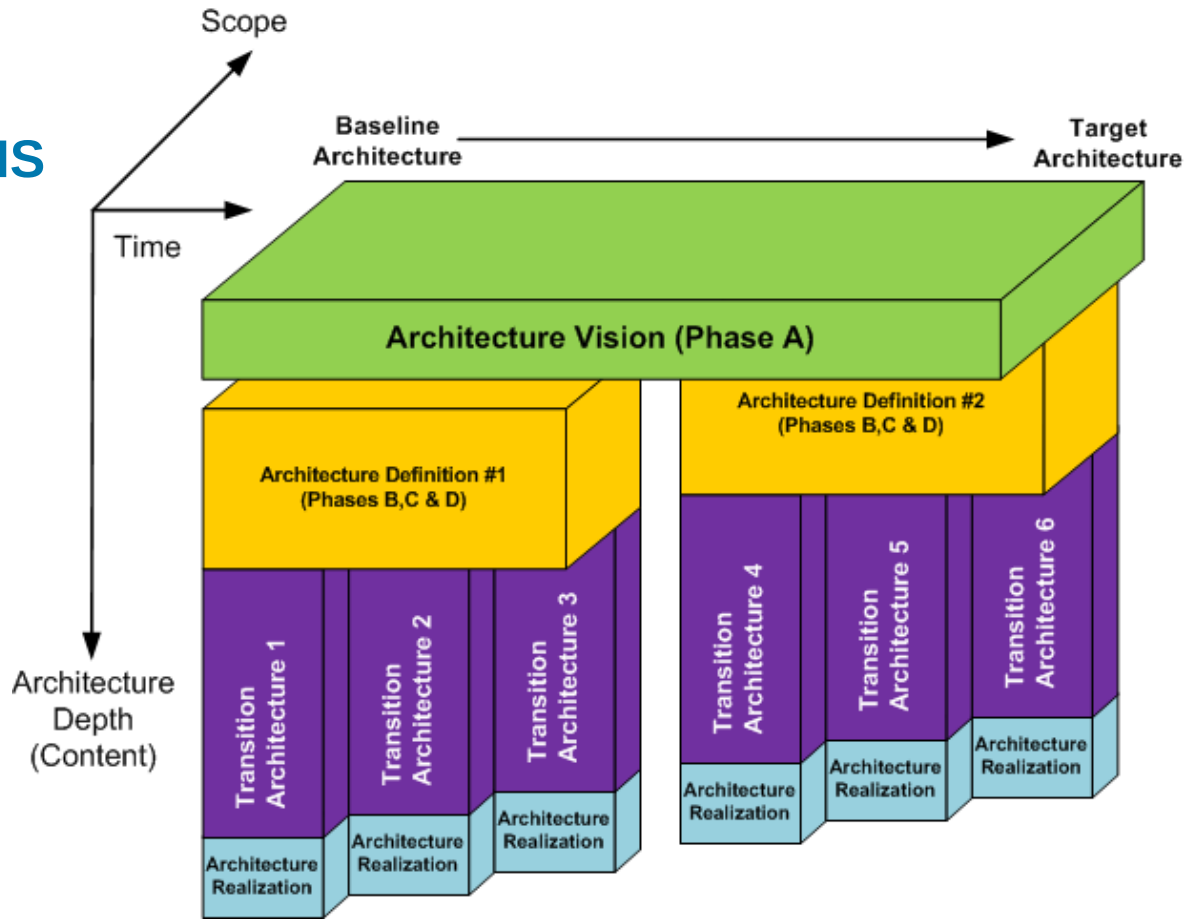
Break into Bite-Size Chunks

ENTERPRISE SCOPE

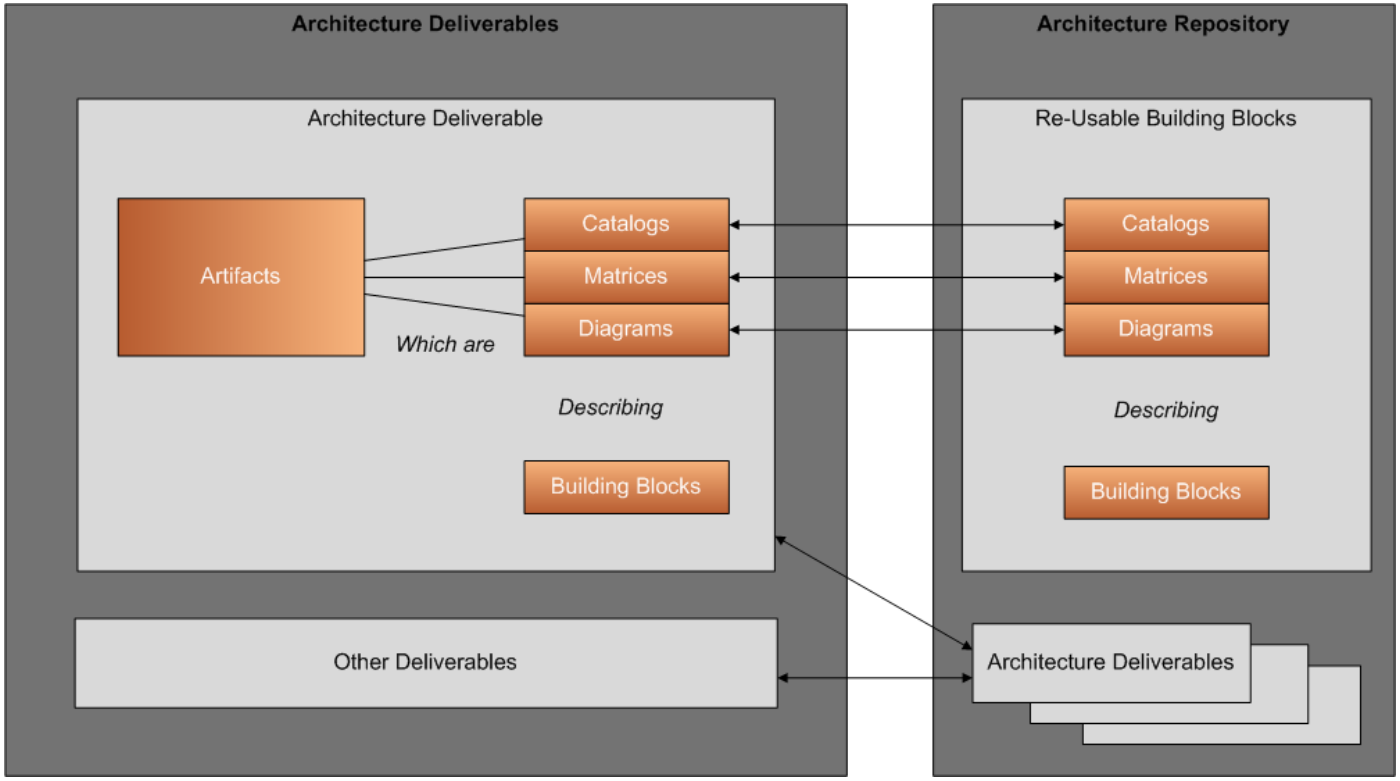
ARCHITECTURE DOMAINS

LEVEL OF DETAIL

PROJECT SCHEDULES



Description of Architectural Work Products



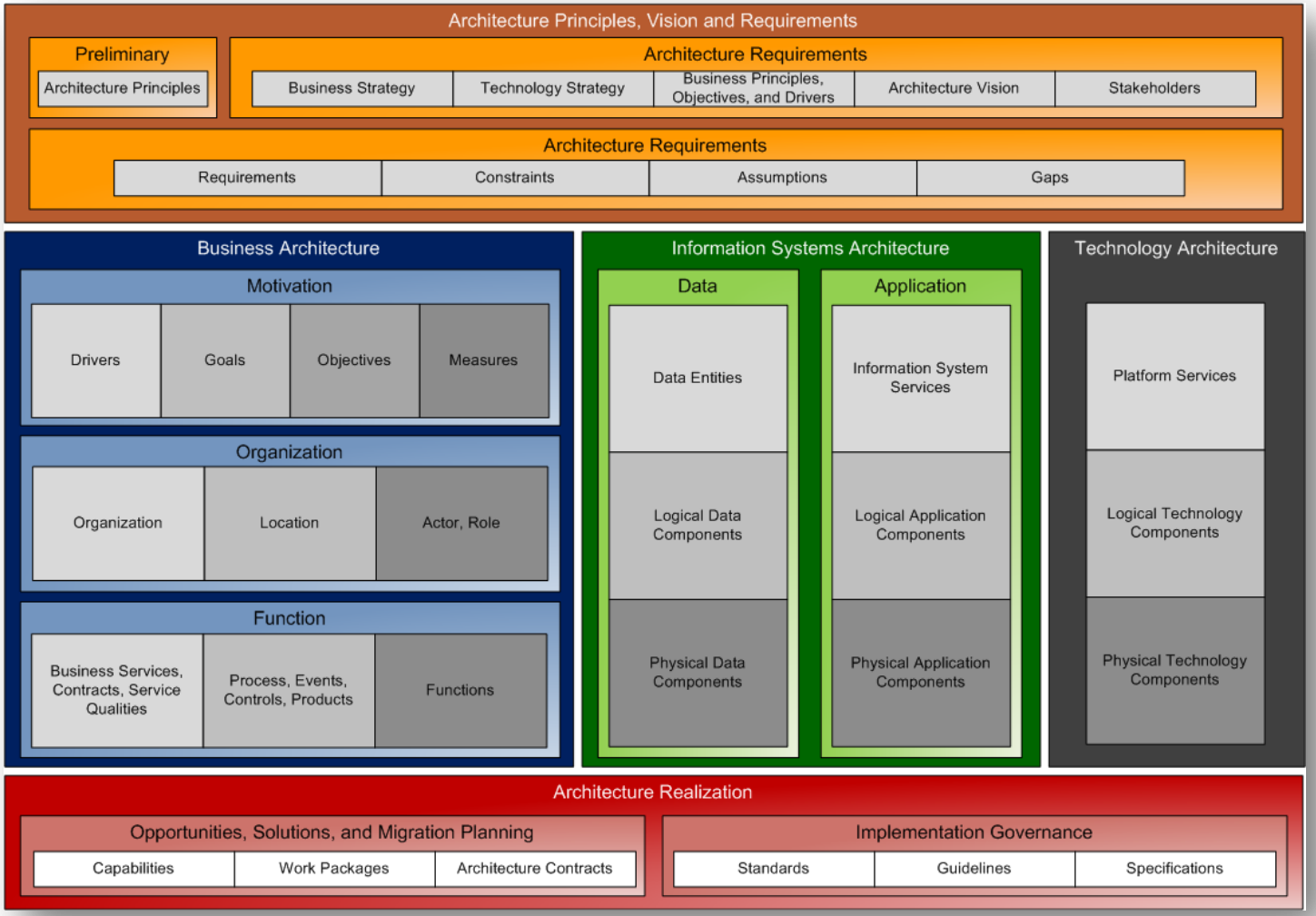
DELIVERABLES

ARTIFACTS

BUILDING BLOCKS

RELATIONSHIPS

Definition of Building Blocks and Relationships



Content Metamodel Broken Down

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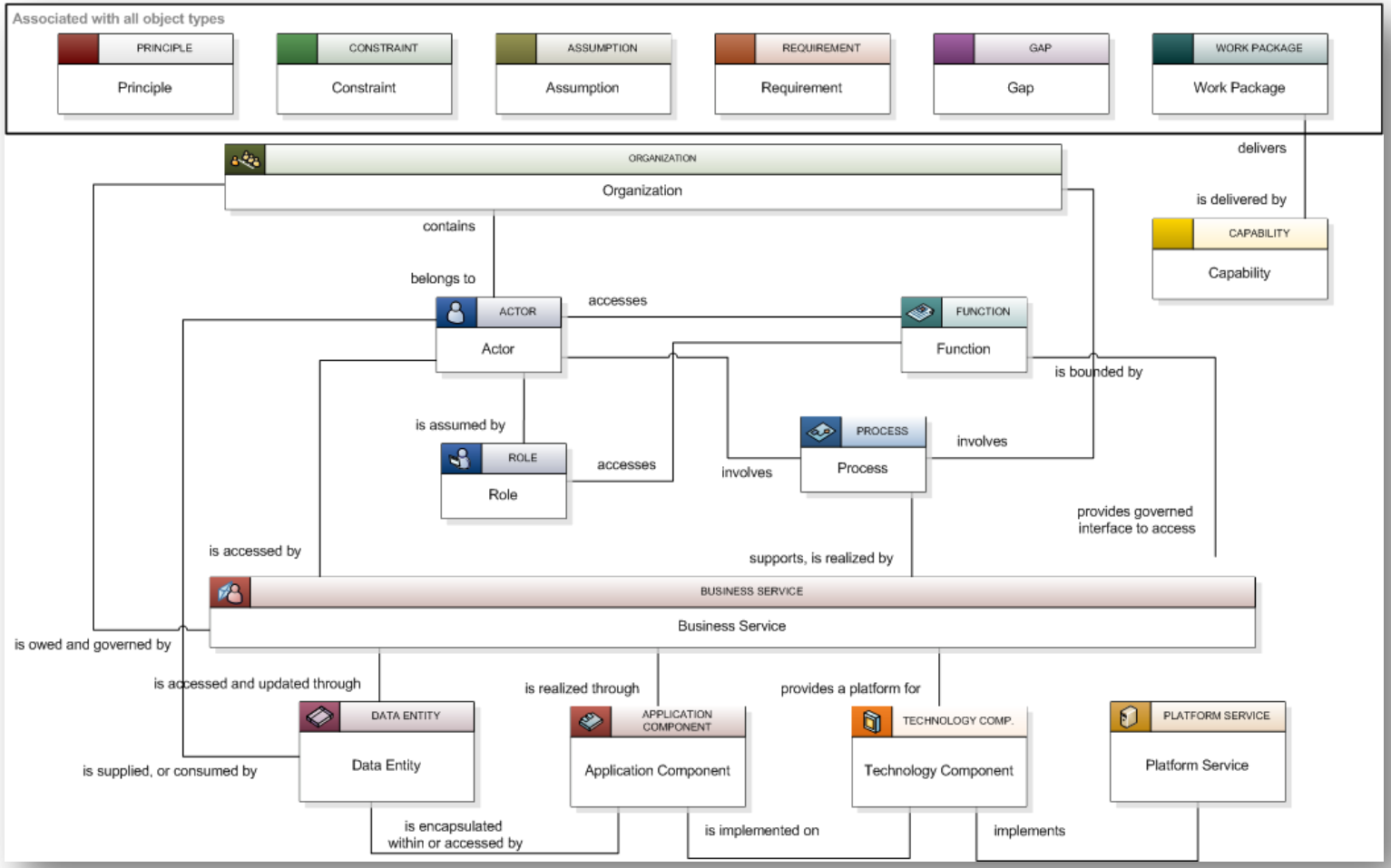
Entities and their Interactions

Select and Customize…



Viewpoints and Views

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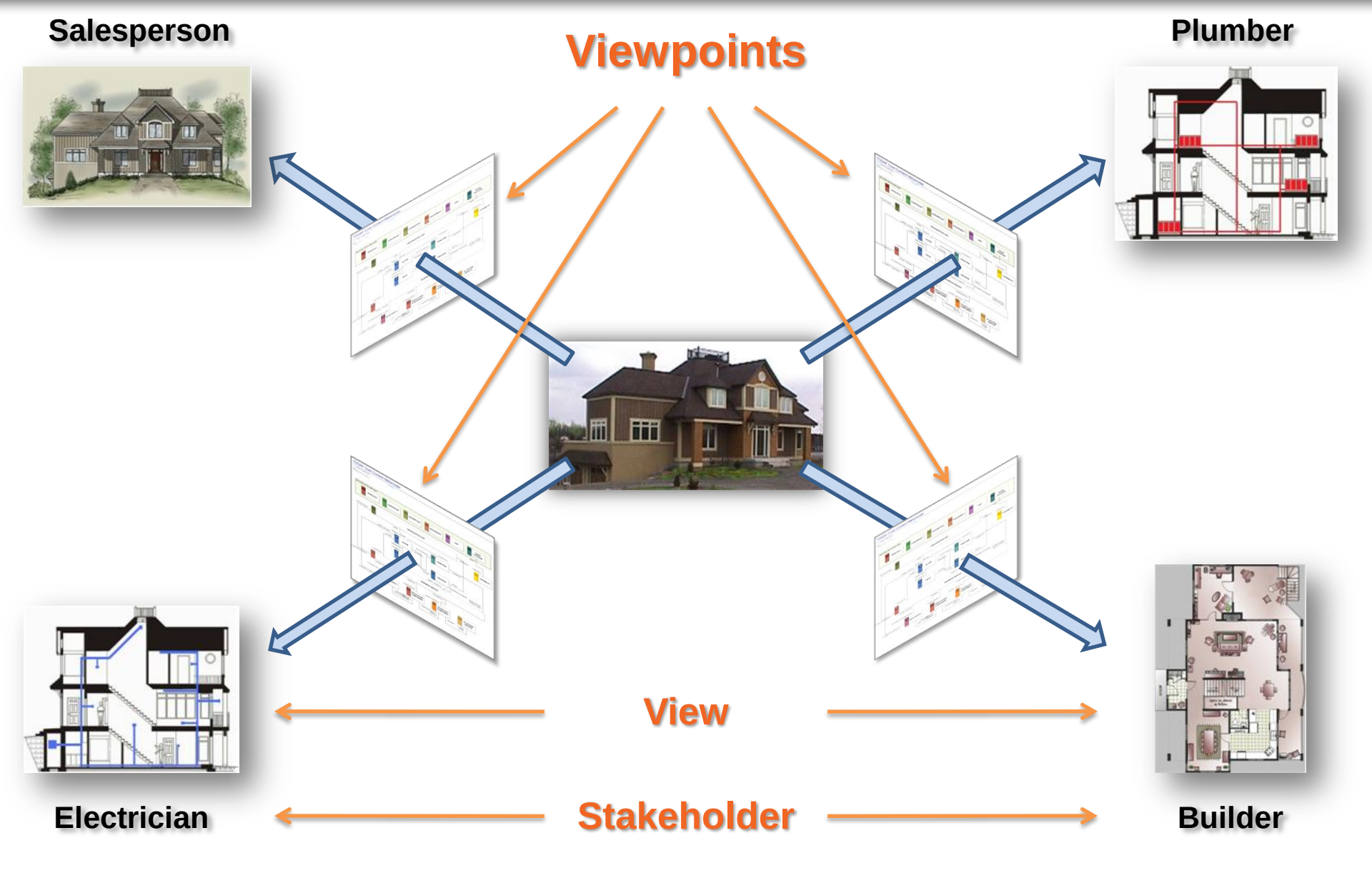
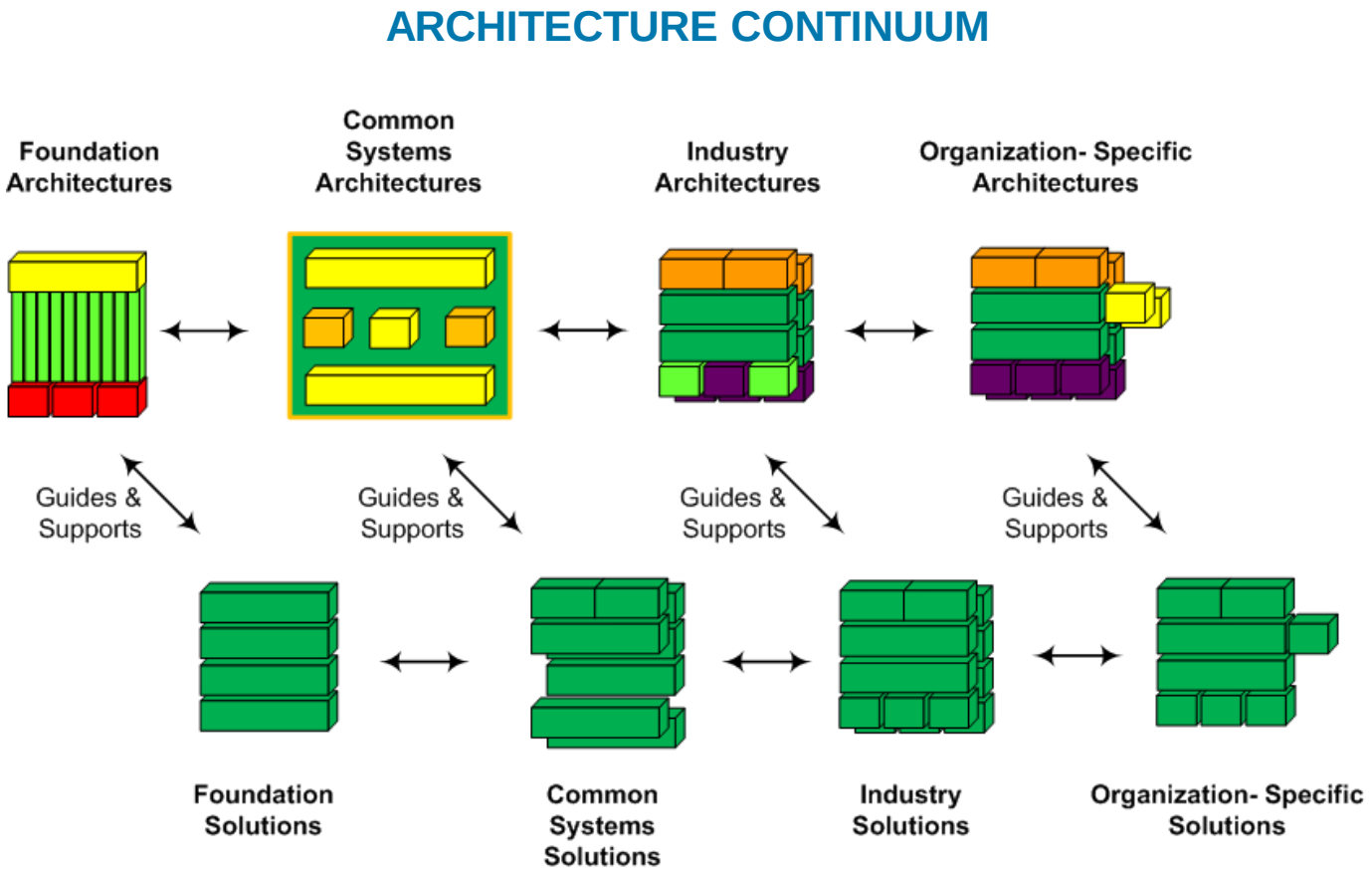


A Classification Framework



Architecture Continuum

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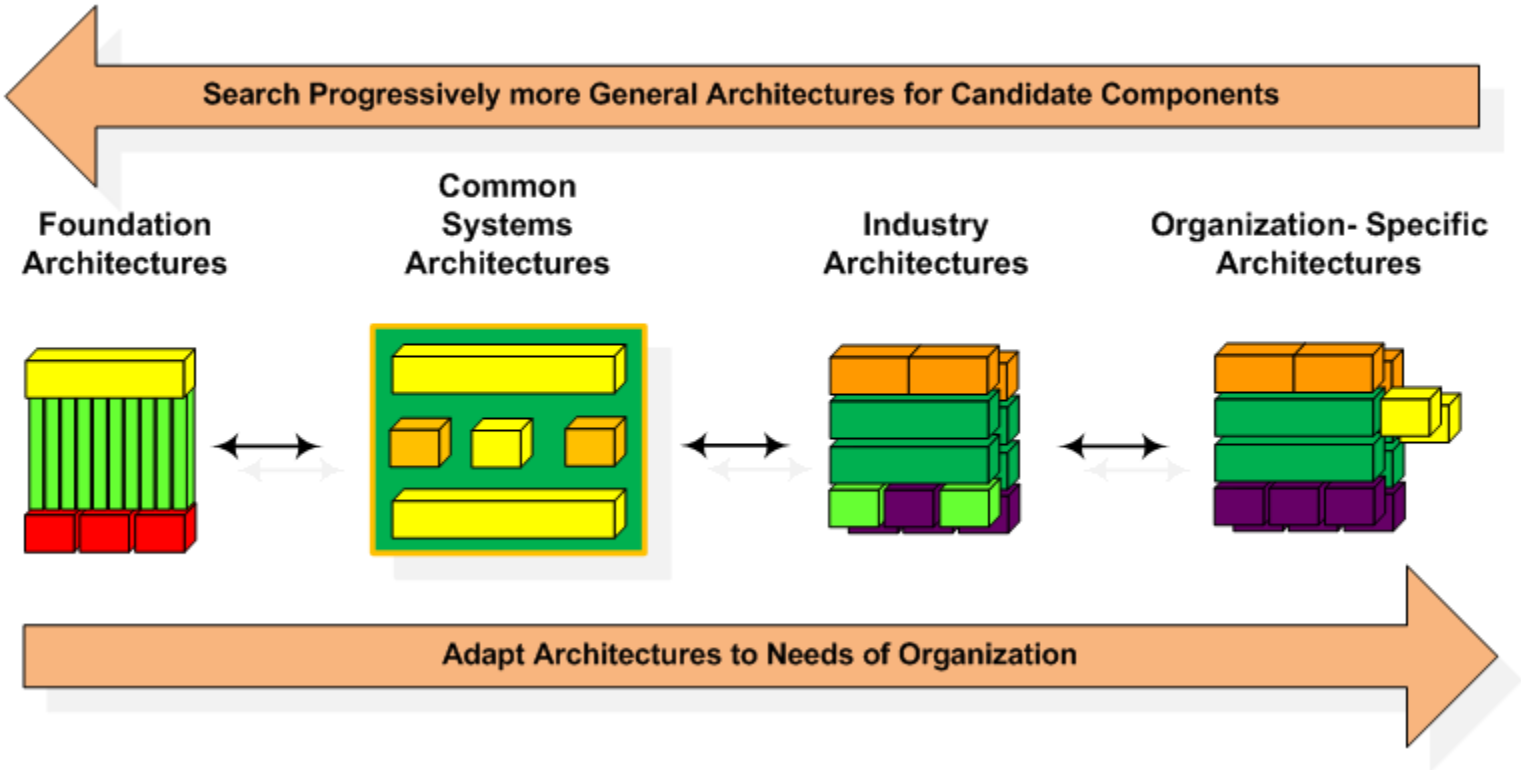

Solutions Continuum

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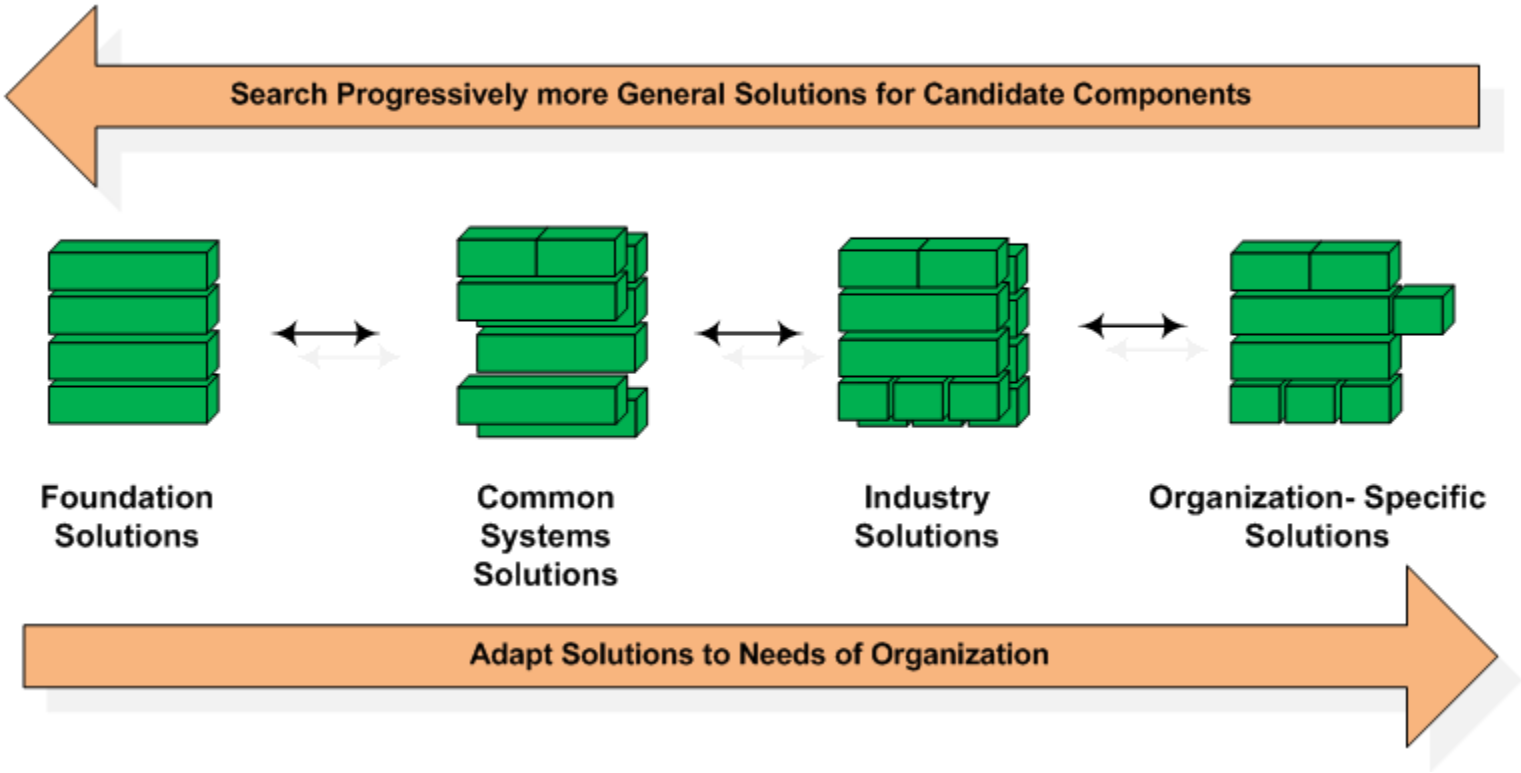
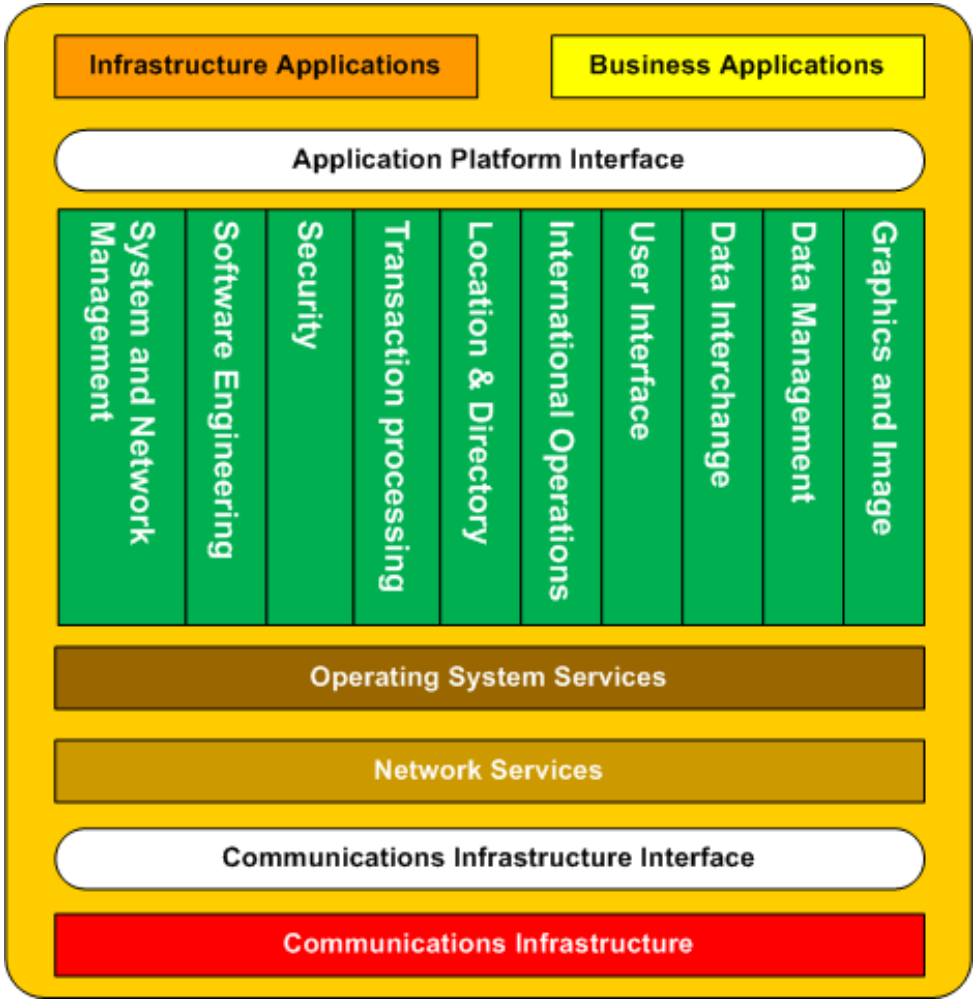


Technical *Reference Model*

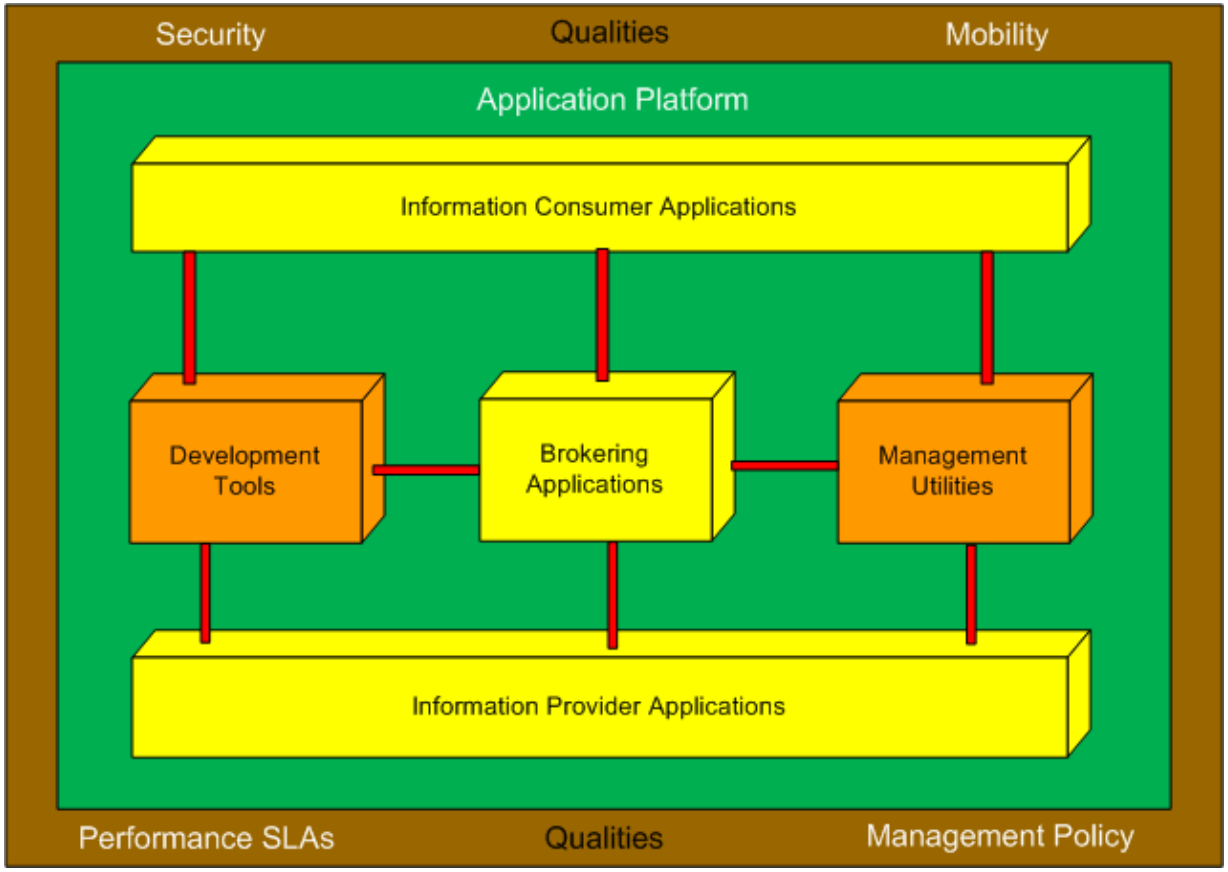
A MODEL AND TAXONOMY

of generic platform services



Integrated Information Infrastructure *Reference Model*

MODEL *for business applications and infrastructure applications*



Architecture Capability Framework

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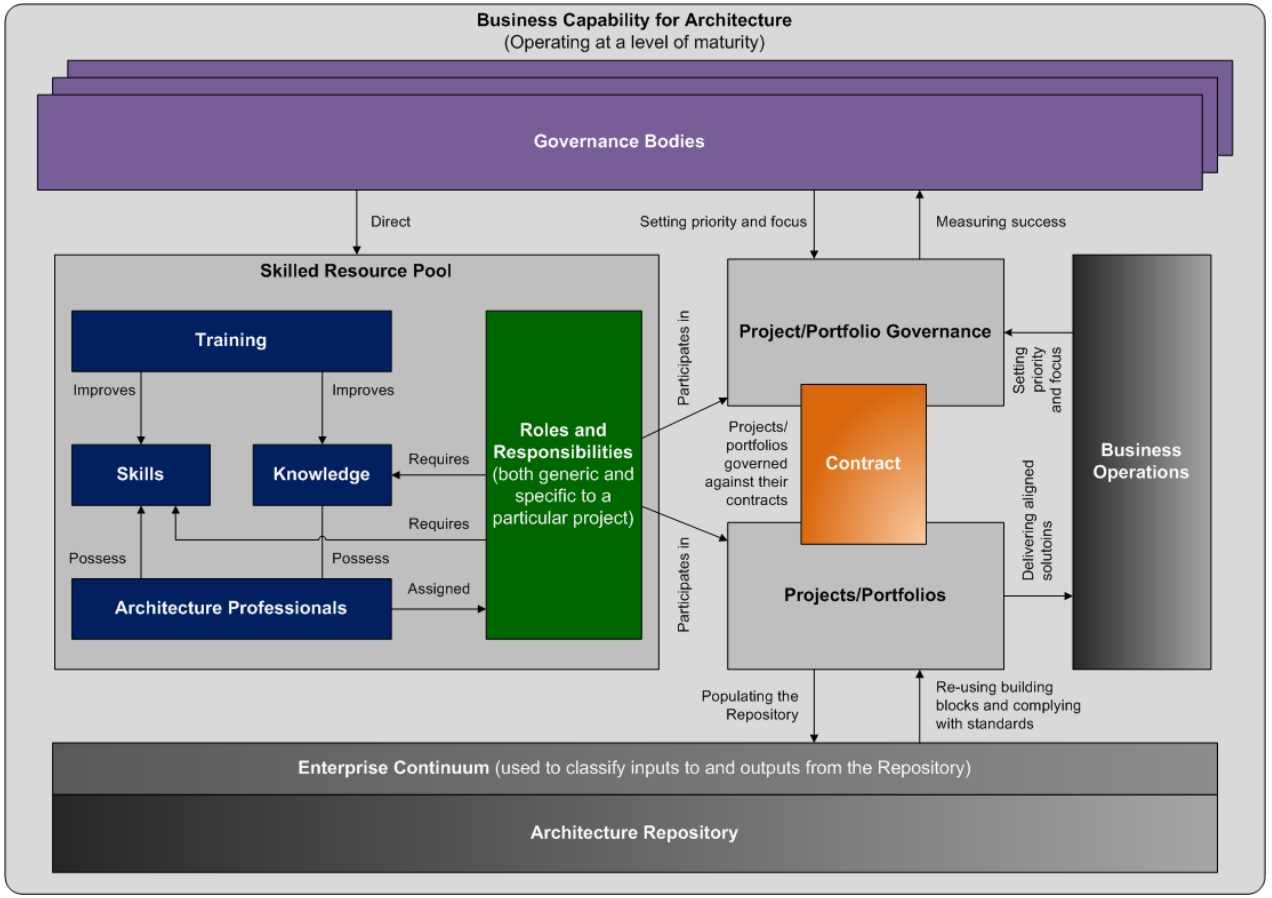
Structured Definition

HOW *to establish an Enterprise Architecture Function*

WHO – *Organizations*

WHAT – *Skills, Roles*



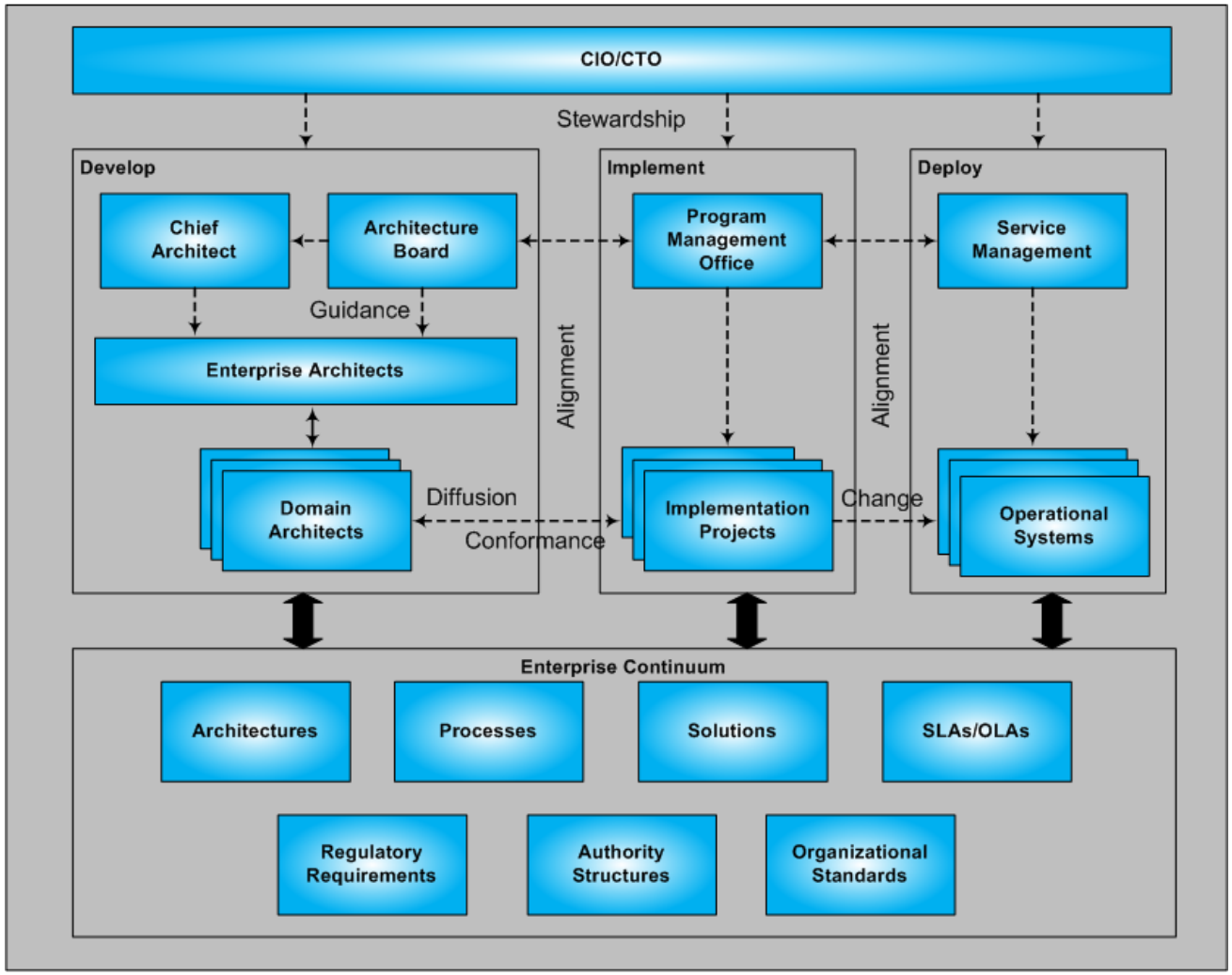
Creation and Monitoring of Architectural Components

GUIDANCE

EFFECTIVE?

EQUITABLE?

SUSTAINABLE?



Architecture Compliance Levels

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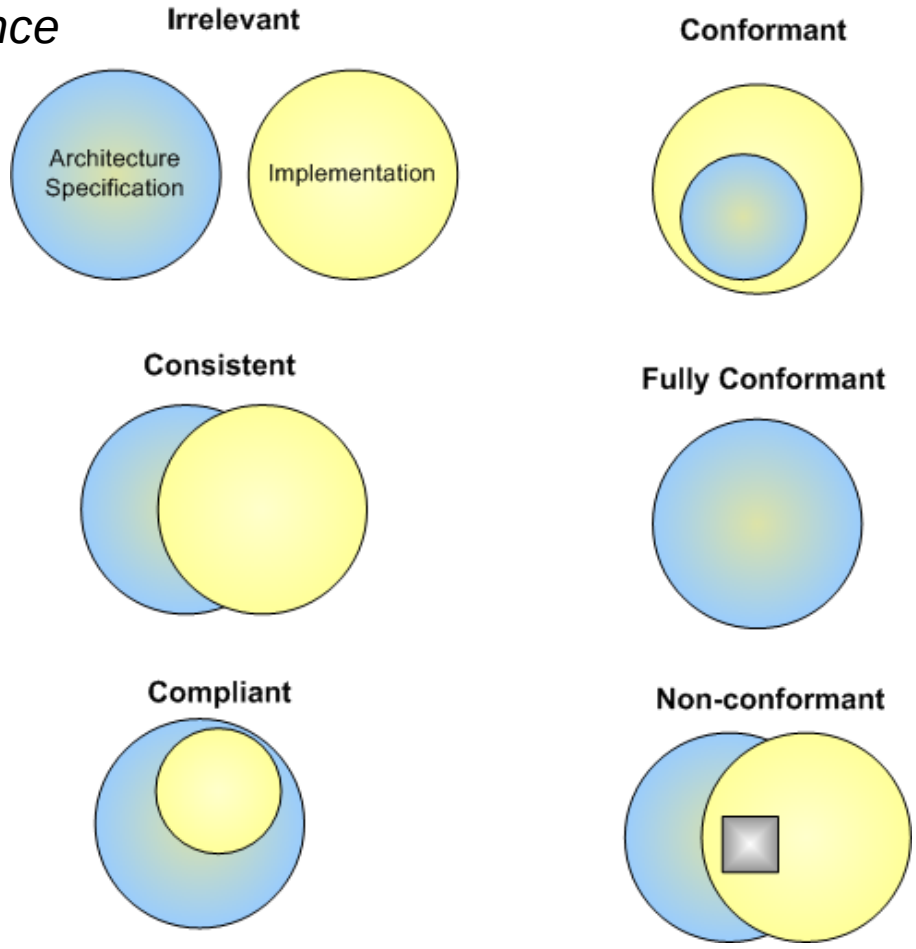
Compliance of Projects

ESSENTIAL *part of architecture governance*

FORMULATE *IT compliance Strategy*



Architecture Skills Framework

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Define

ROLES
SKILLS
EXPERIENCE

Roles	Enterprise Architecture Business	Program / Project Manager	IT Designer
Architecture Views & Viewpoints Design	4	2	2
Building Block Design	4	2	3
Solutions Modelling	4	2	3
Benefits Analysis	4	4	2
Business Interworking	4	3	1
Systems Behaviour	3	3	2
Project Management	3	4	2

Measure

STAFF DEVELOPMENT
RIGHT FIT

The Modules of TOGAF9

- The ADM
  - Steps to Develop an Enterprise Architecture
- ADM Guidelines and Techniques
  - Support application of the ADM
- Architecture Content Framework
  - Detailed model of architectural work products
- The Enterprise Continuum
  - Model for structuring a virtual repository, classification framework
- TOGAF Reference Models
  - Technical Reference Model; Integrated Information Infrastructure Reference Model
- The Architecture Capability Framework
  - Structured definition of organizations, roles and responsibilities to establish and operate an Enterprise Architecture

Get a Live Product Demonstration

For a more information on TOGAF9 and its application in the iServer TOGAF9 Quick Start Solution, register for an iServer Demonstration.

A web demonstration is free and will only take an hour of your time!

One of our experienced process consultants can demonstrate the software to you using a repository based on the TOGAF9 Framework.

To book your demo, please send us an email and we will contact you to build your meeting agenda.