

Content Framework & Repository



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Module Focus



Architecture Content Framework

TOGAF Content Meta-model

Architecture Repository

Enterprise Continuum

Review and Recap

Architecture Content Framework

Architecture Content Framework

Architecture Content Framework is an EA ontology that is designed to be compatible with ADM. It defines artefacts and content one can expect to see when an enterprise architecture capability based on TOGAF operates. TOGAF allows the content framework to be tailored or entirely swapped out with another EA ontology.

Three Categories of Content

A Deliverable

An Artefact

A Building Block

A person in a dark suit and striped tie is shown from the chest down, sitting at a desk. They are holding a pen and pointing at architectural drawings spread out on the desk. The drawings show various lines and text, typical of architectural plans. The scene is dimly lit, with the primary light source coming from the desk area, creating a professional and focused atmosphere.

Architectural Deliverable

Contractual work product incorporating number of architectural views

This document is reviewed, endorsed and approved by stakeholders

An Artefact



Artefact describes the architecture from a specific viewpoint

Some examples of artefacts are

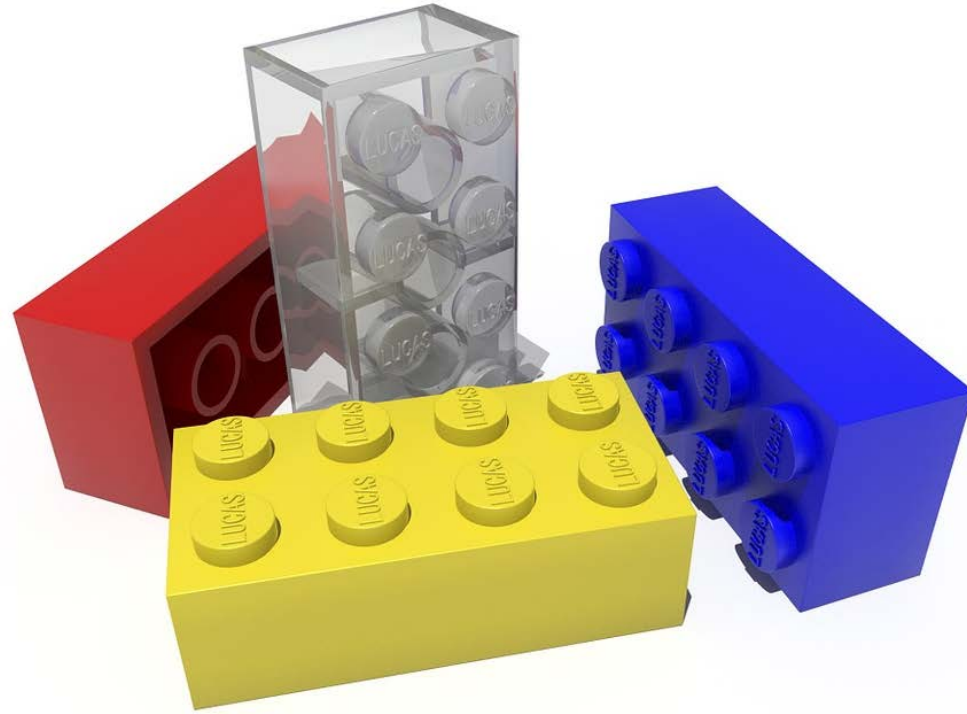
List of requirements

Deployment view of an application

Network diagram

Several artefacts are typically included in an architecture deliverable

A Building Block

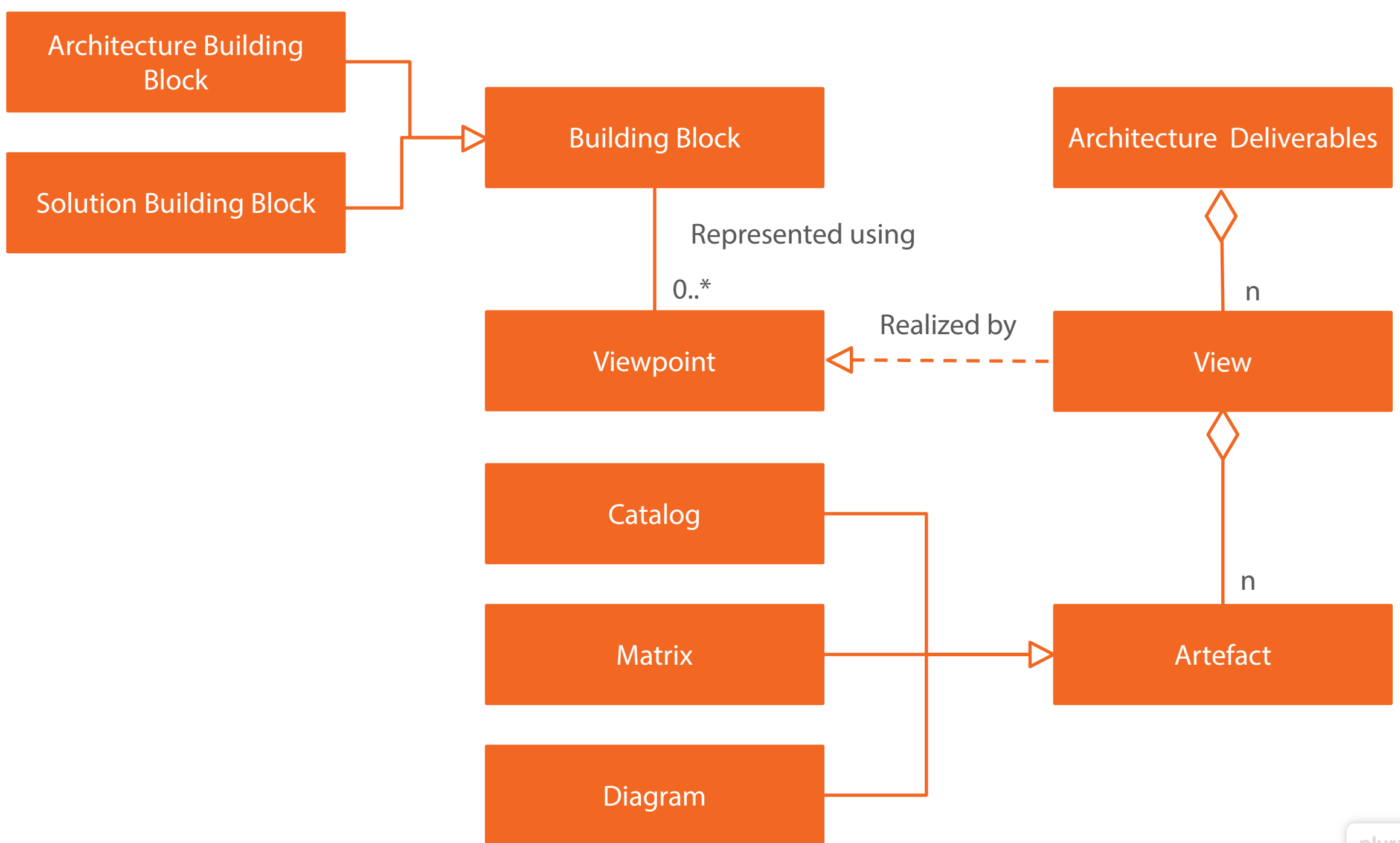


Components of architecture that combine to create architecture representations

Building blocks can be reused across architecture models

Examples: Business Capability, Business Process, Enterprise Perimeter Defence

Building blocks can be Architecture or Solution Building Blocks

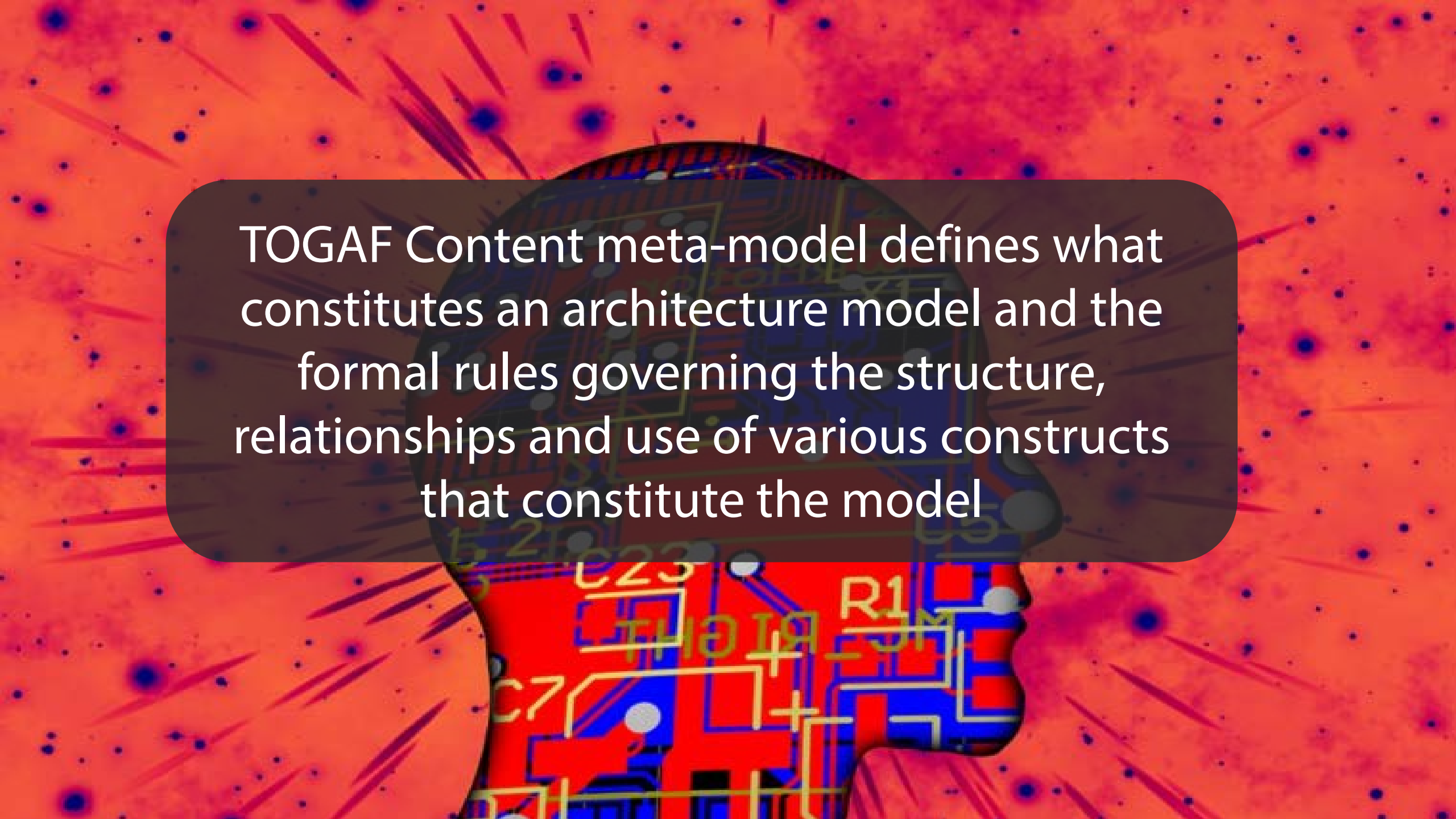


Content Meta-model

What Is a Meta-model?

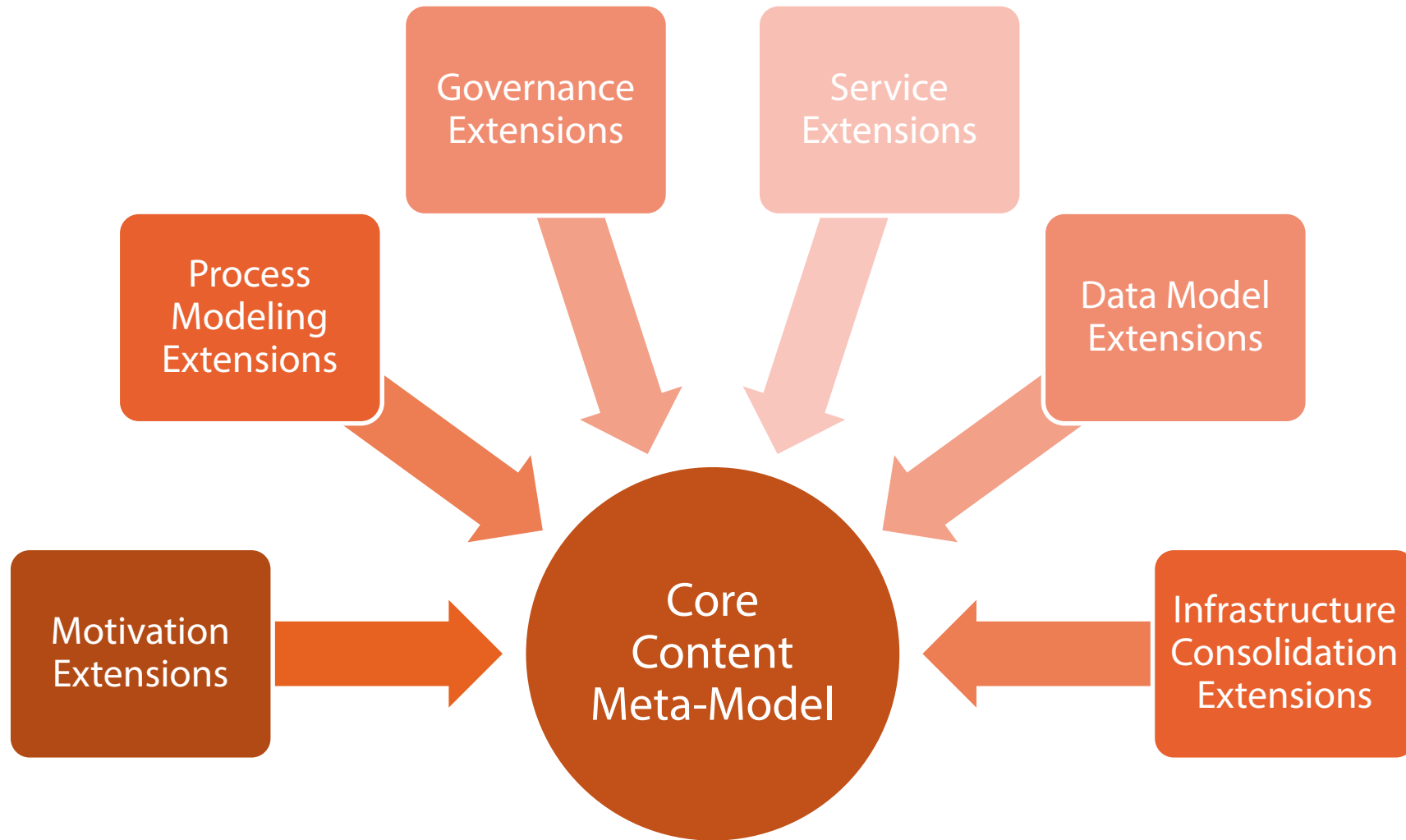
Meta-model

A meta-model is a model that describes a model. In other words it defines what can constitute a model and any rules around how a model can be put together



TOGAF Content meta-model defines what constitutes an architecture model and the formal rules governing the structure, relationships and use of various constructs that constitute the model

Core and Extensions



Core Modeling Entities

Actor

Role

Organization

Function

Business Service

Process

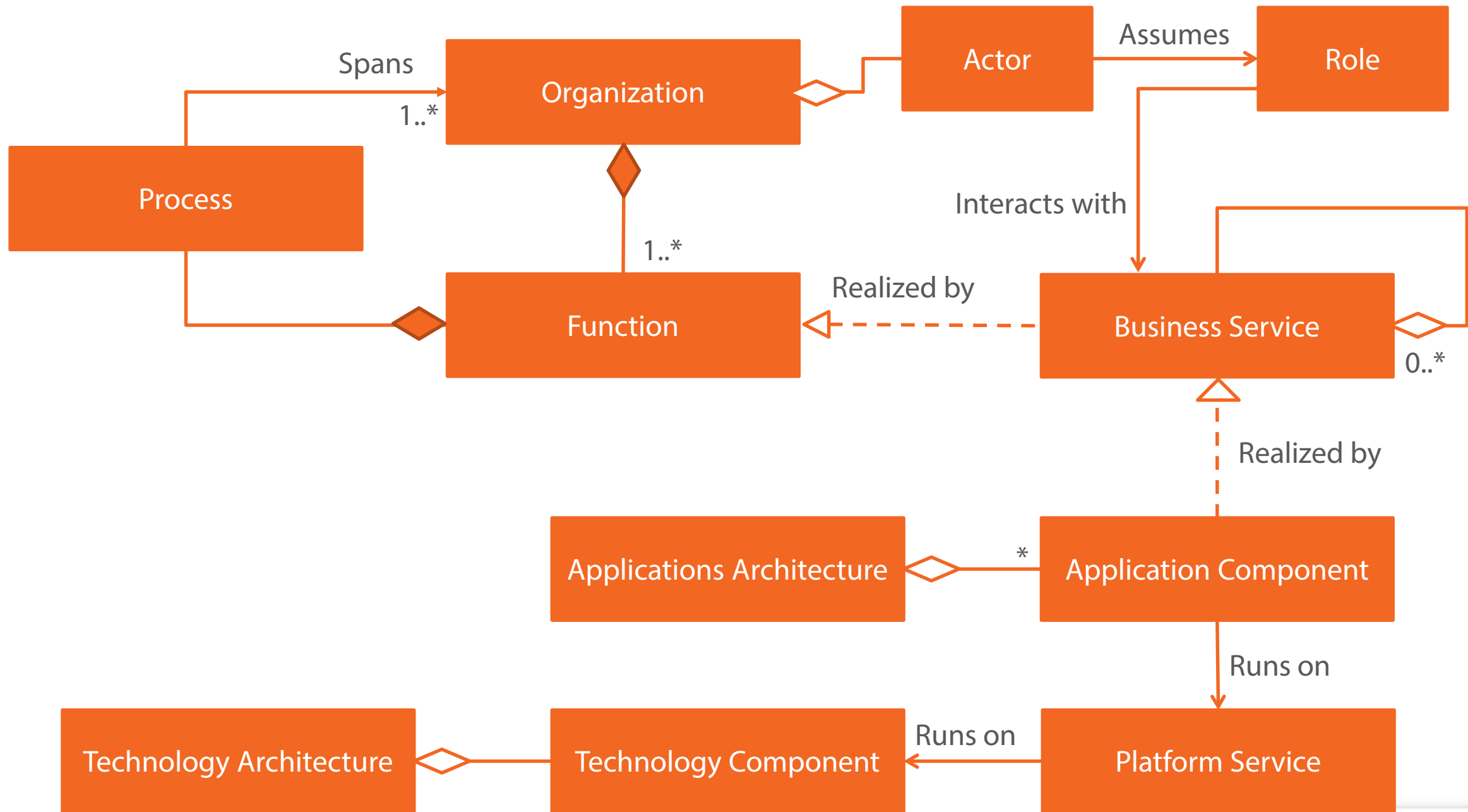
Application Component

Data Entity

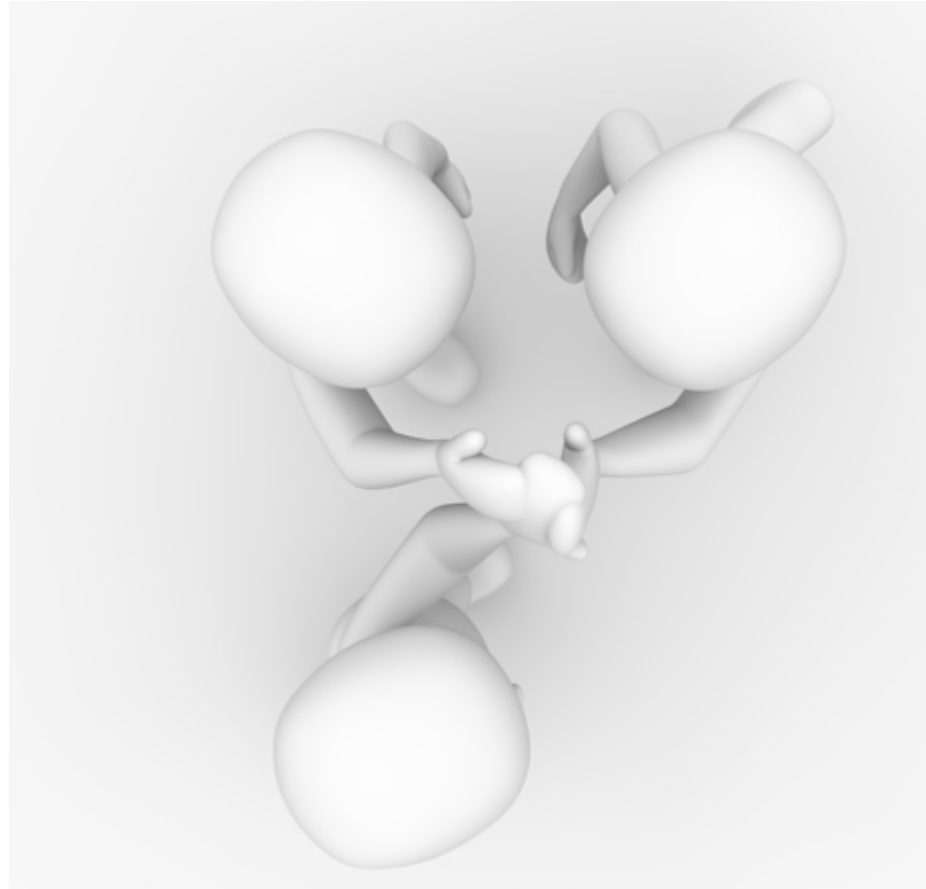
Platform Service

Technology Component





Motivation Extensions



Offers more structured modeling of the drivers,
goals and objectives

Process Model Extensions



Adds events, products and controls to allow detailed modeling of business processes

Governance Extensions



Adds structured representations for service levels, operational impacts, system and data ownerships, dependencies between systems and business operations

Service Extensions



Enables defining information systems services in addition to business services

Data Model Extensions



Adds the concept of data components, which can enable data to be governed as a collection

Infrastructure Consolidation Extensions



Includes constructs to model infrastructure consolidations

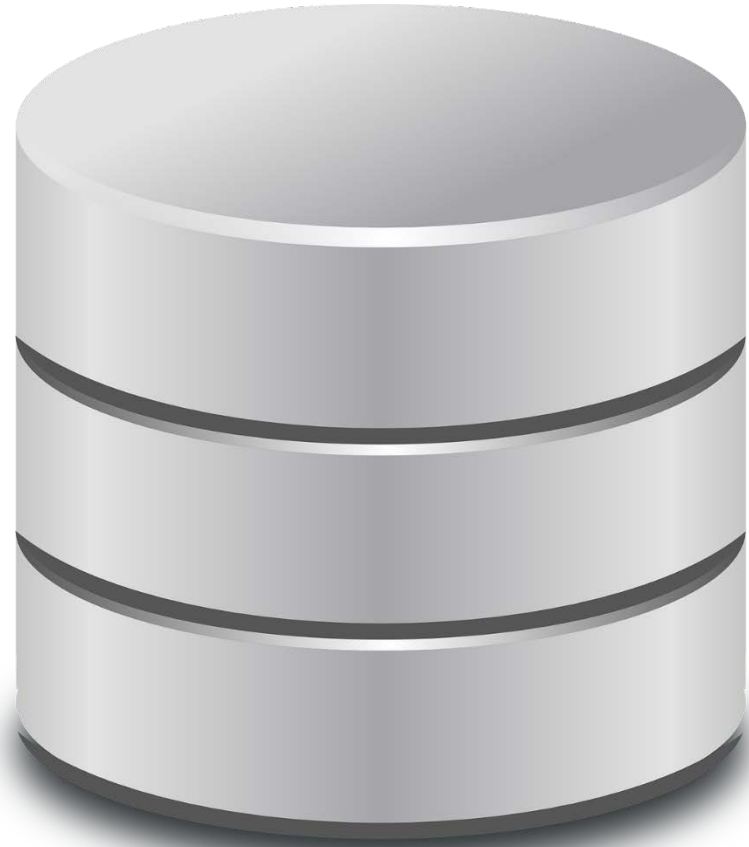
Content Meta-model Objects & Attributes



Content model objects and attributes are used as a basis by EA tool vendors to build their modelling tools

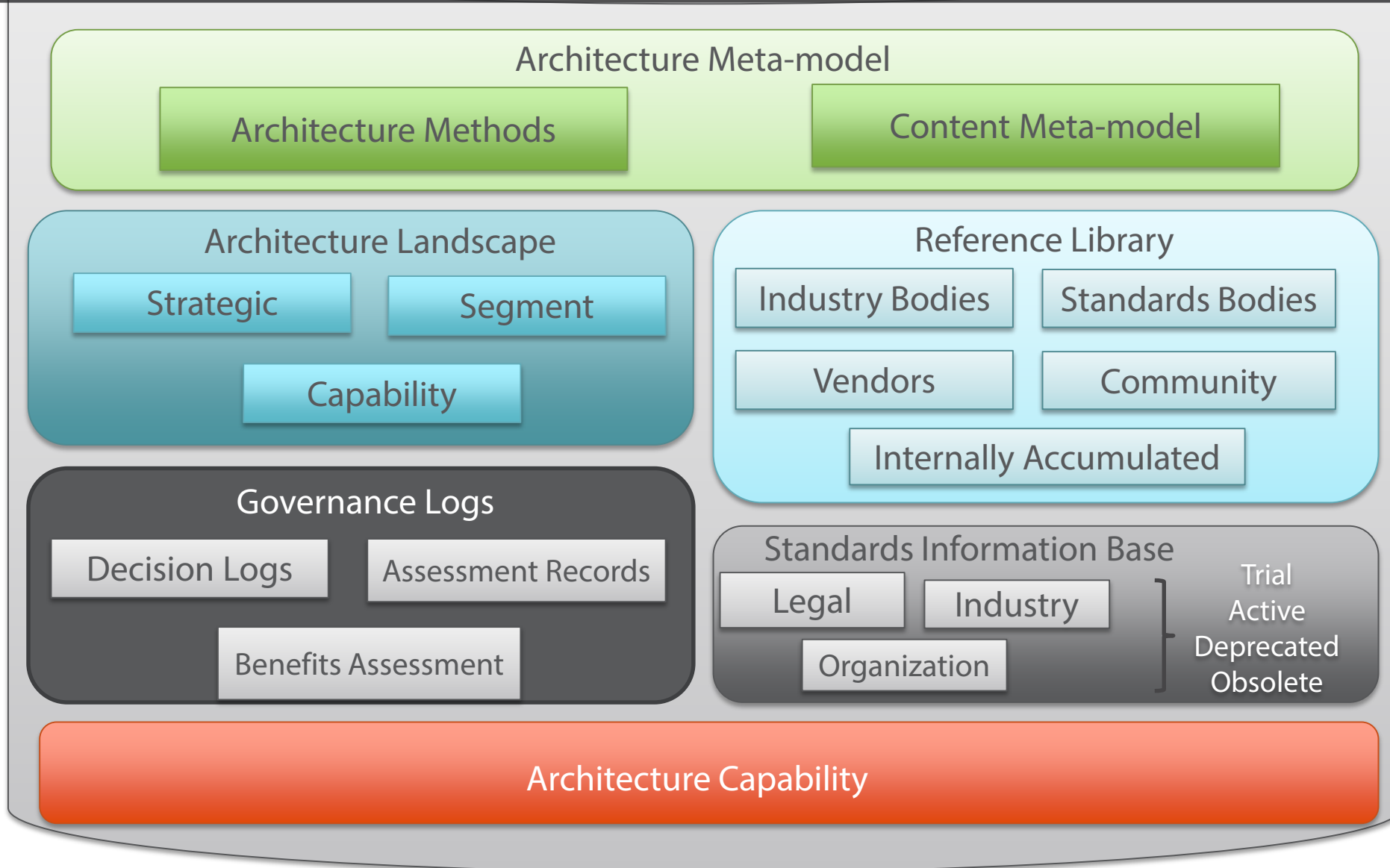
Architecture Repository

Architecture Repository



Architecture Repository is a structured information store that holds the outputs from architecture development effort

High-level Structure of Architecture Repository



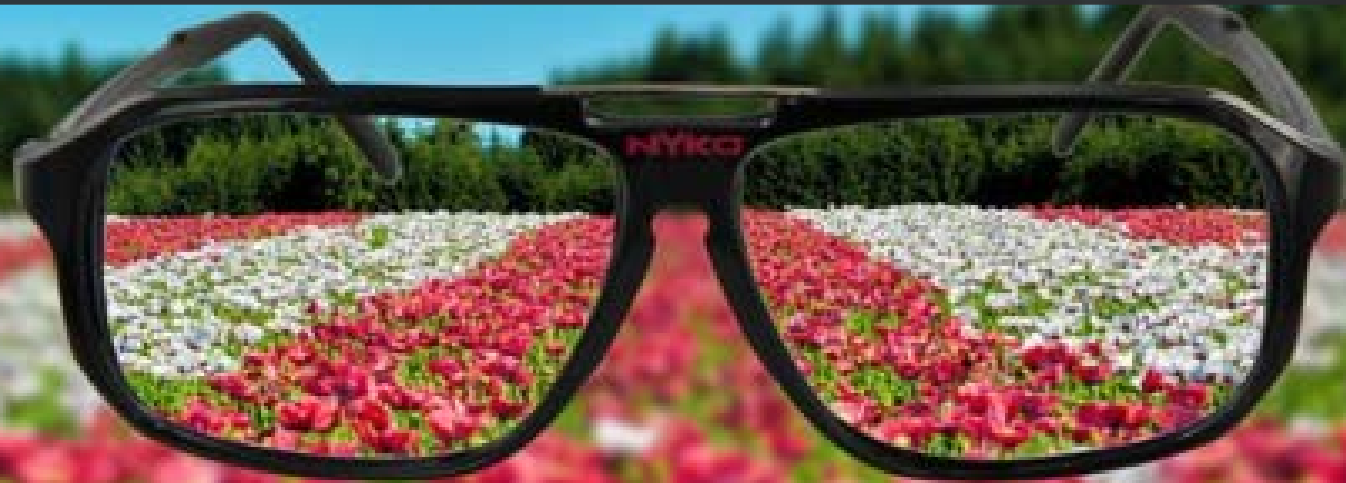
Enterprise Continuum



Architecture repository can
get cluttered very quickly

Architecture is highly context sensitive

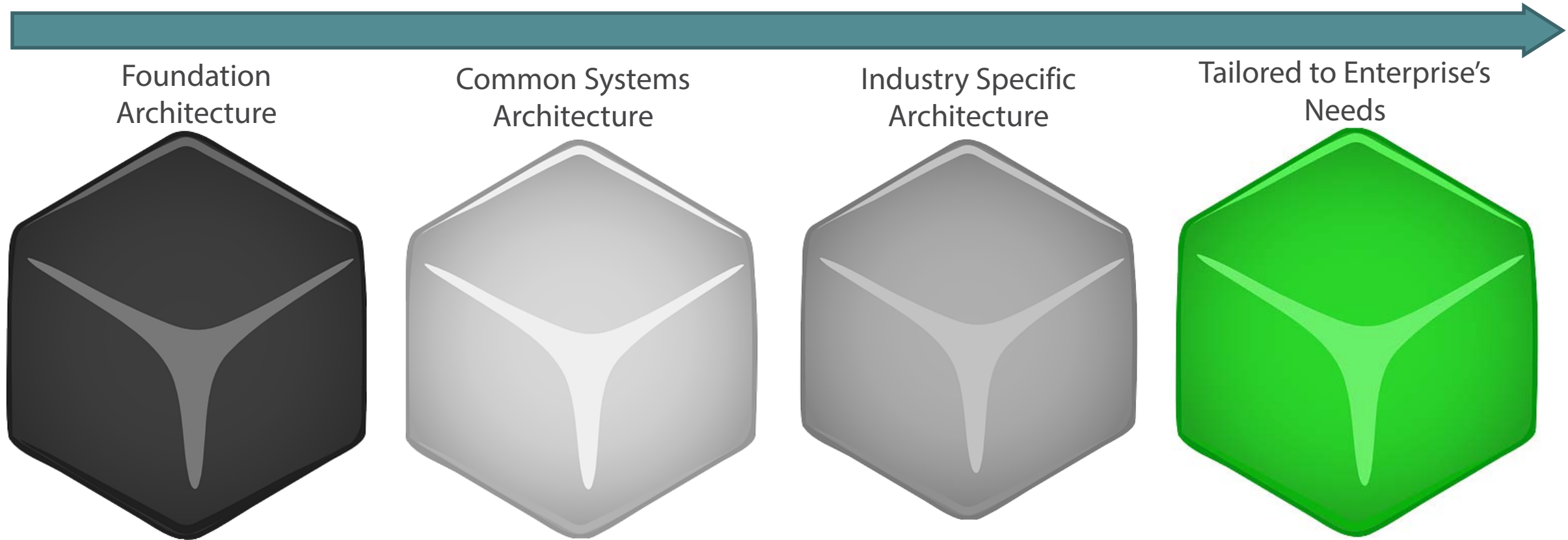
Over time it often becomes hard to assemble the big-picture view from the architecture repository



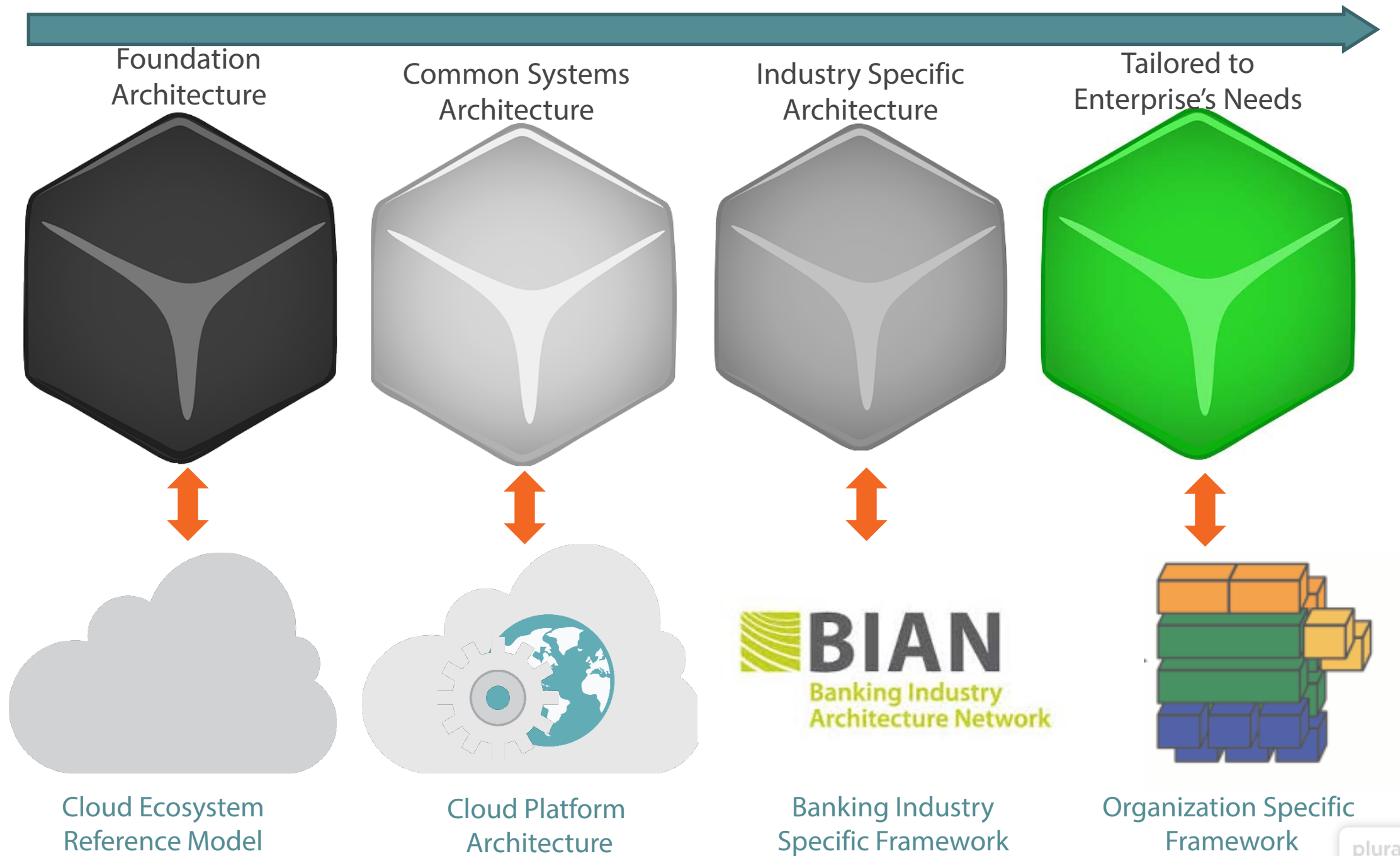
Enterprise Continuum

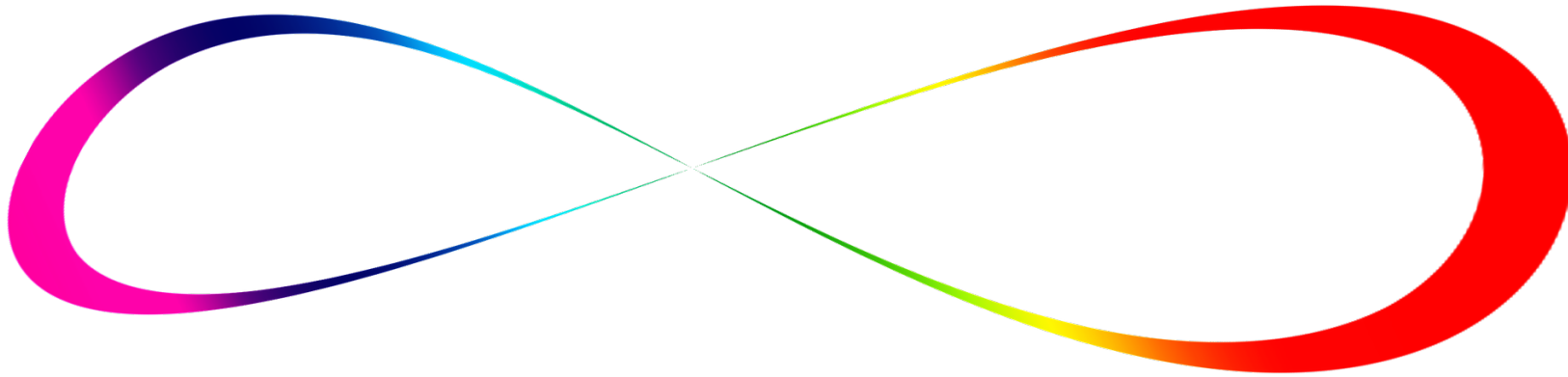
Generic

Specific

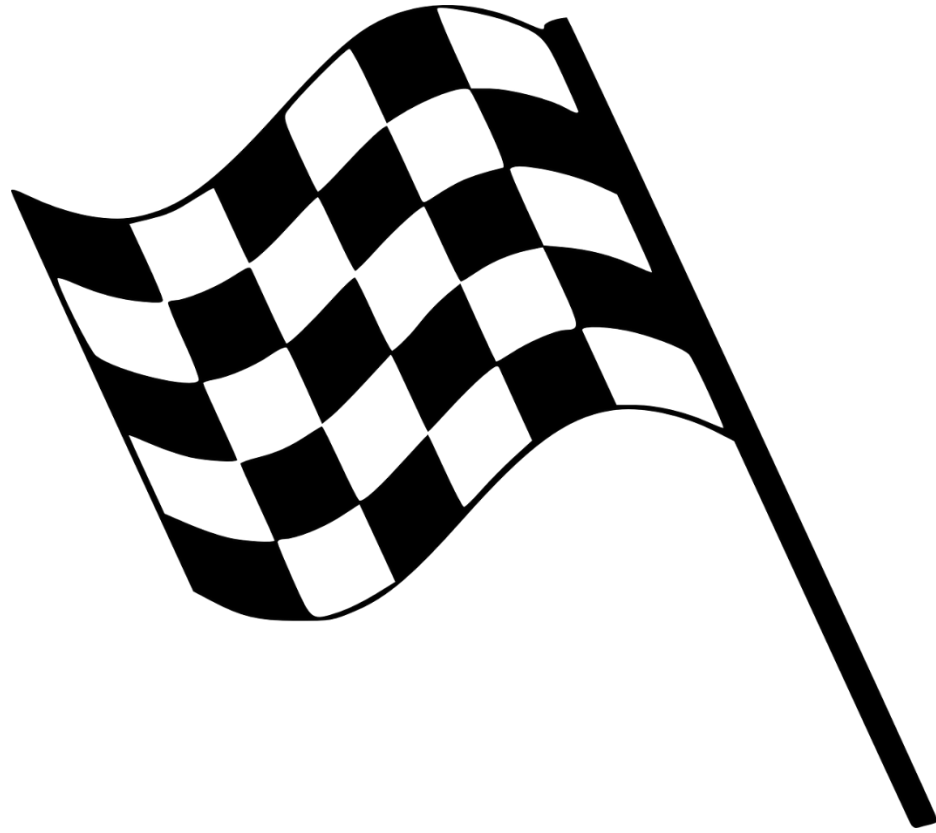


Enterprise Continuum is a view over the repository that enables architecture assets to be viewed from the most generic to the most specific architectures and solutions from left to right



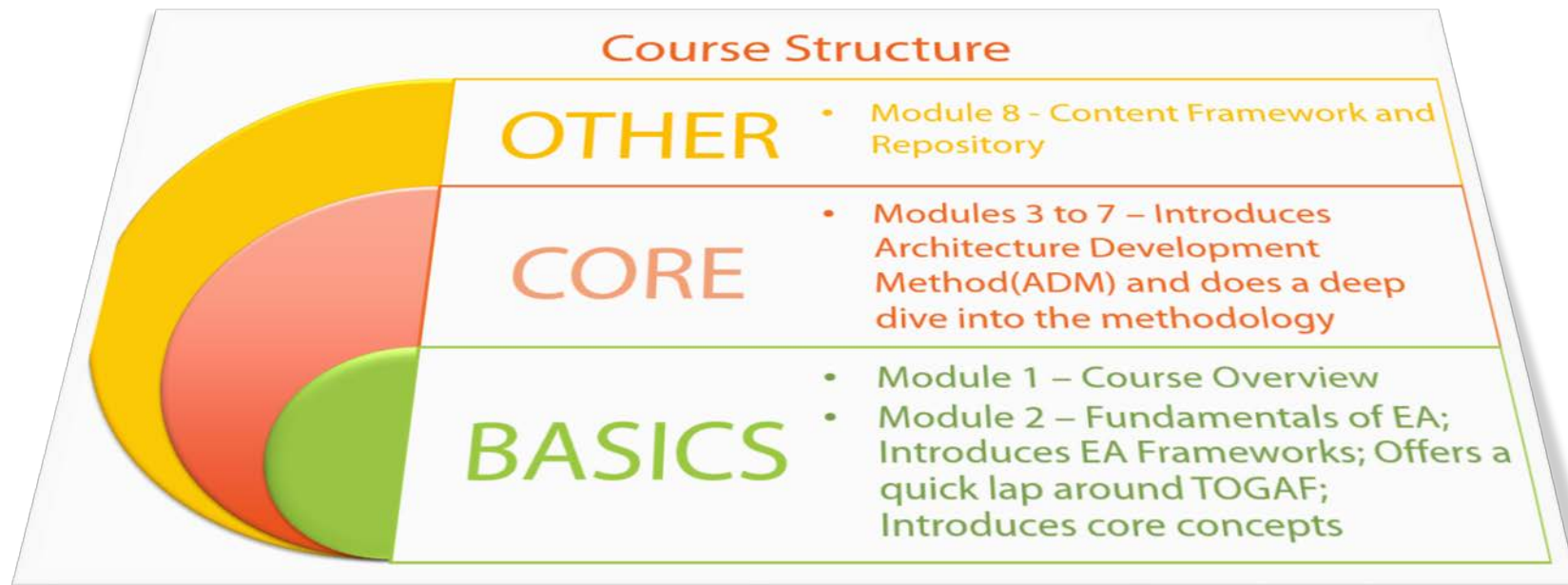


Enterprise Continuum is usually implemented on top of the architecture repository as a virtual repository to help navigate the contents more intuitively



This is the finish line and you have made it!

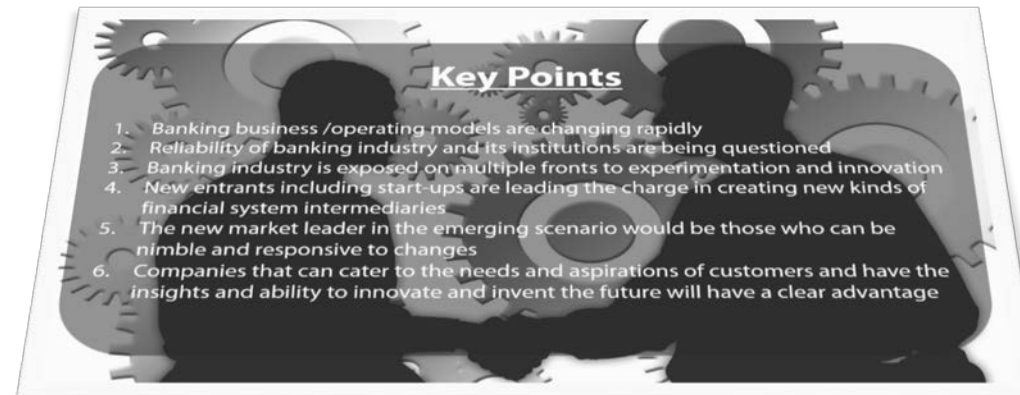
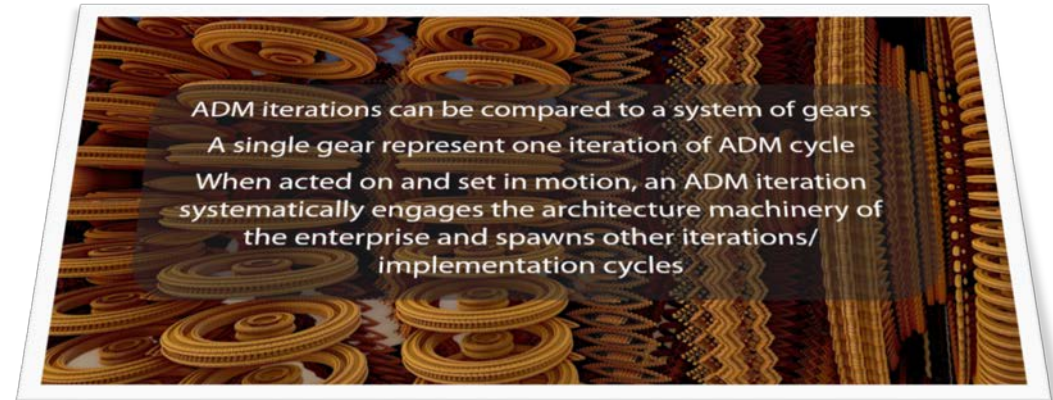
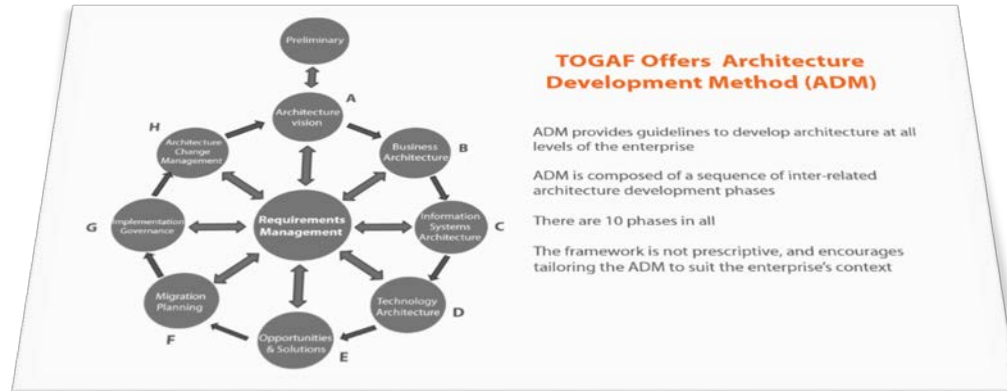
Module 1



Module 2



Module 3


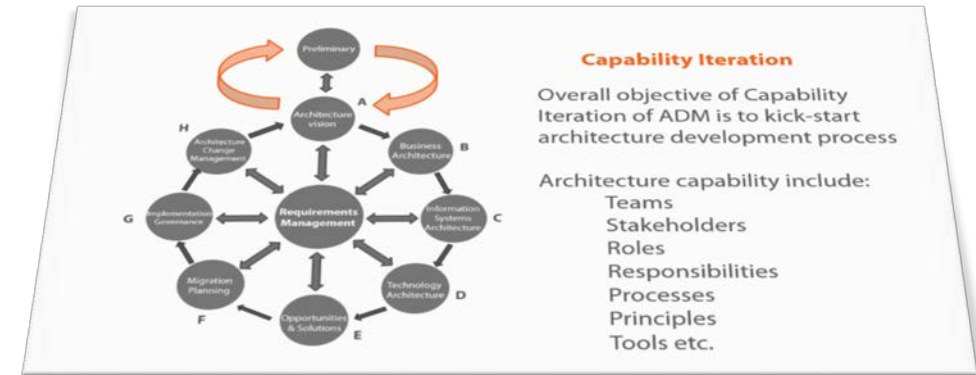


Module 4



Strategic Themes

1. Building the digital foundation for the bank
2. Adopting a customer and value centric business model
3. Cultural renovation



Architecture Principles

Principles govern how the components of the architecture is put together and how this design is allowed to evolve over time

Principles constrains architectural choices

They have the net effect of increased order and consistency while simultaneously reducing complexity and cost



Its Not About Predicting Future

Obtaining deeper insights and organizational awareness

Avoids the flaw of repeatedly planning for a future that is expected to look like today

It encourages,

- Preparing for alternate futures
- Challenging the comfortable expectations
- Treating disagreements as assets

It offers a safe space for planners to acknowledge uncertainties and discuss plausible realities that the enterprise need to face

Module 5



Architecture Development Iteration

Technically it includes phases B to F, focussing on:

Business Architecture
Information Systems Architecture
Technology Architecture
Opportunities and Solutions
Migration Planning

Phases E and F form part of "transition planning" iteration and will be covered in the next module

Capability Based Planning

Capability based planning originated in the defence industry

It is a tool for top-down strategy planning

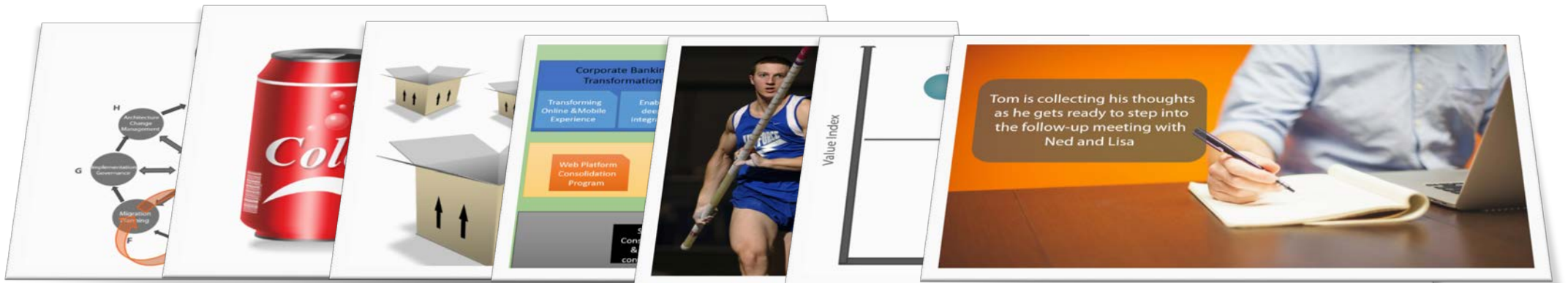
Capability is "anything that an enterprise does"

Capability allows one to view the enterprise purely from the perspective of what it does

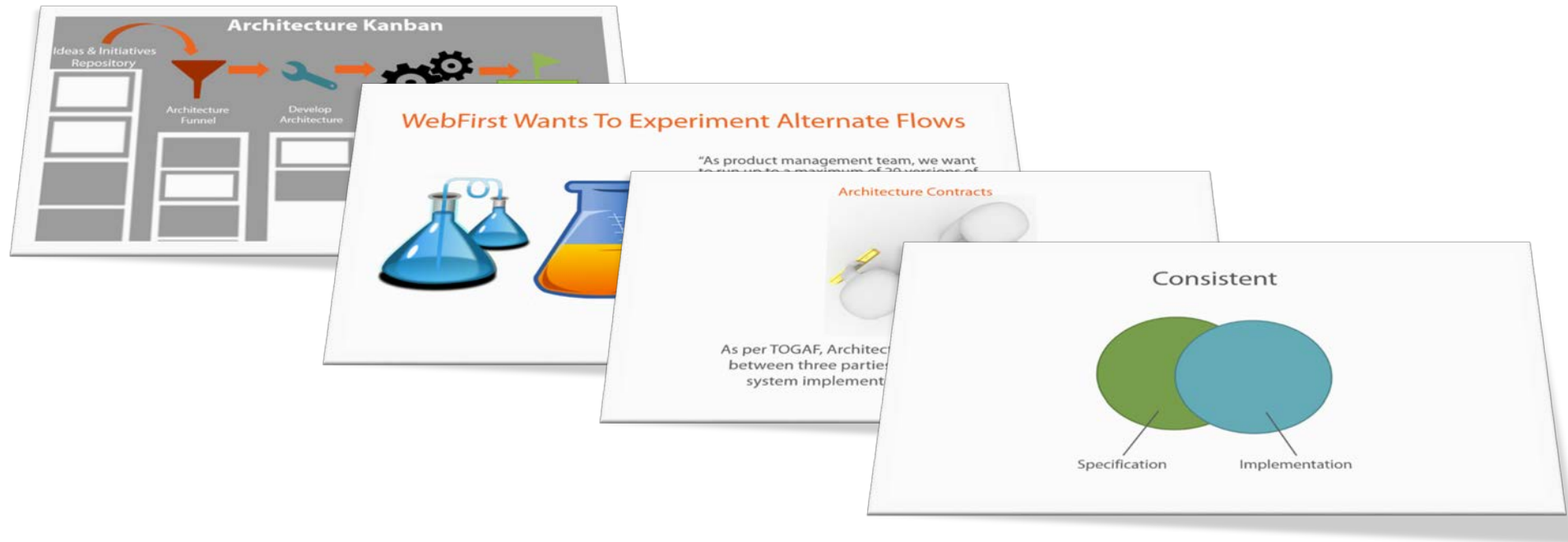
WebFirst needs an EA capability established as an ongoing practice
The architecture capability will integrate resources, structure, process, roles, responsibilities, tools and skills
The architecture capability will operate as a self-governing and continuously evolving function



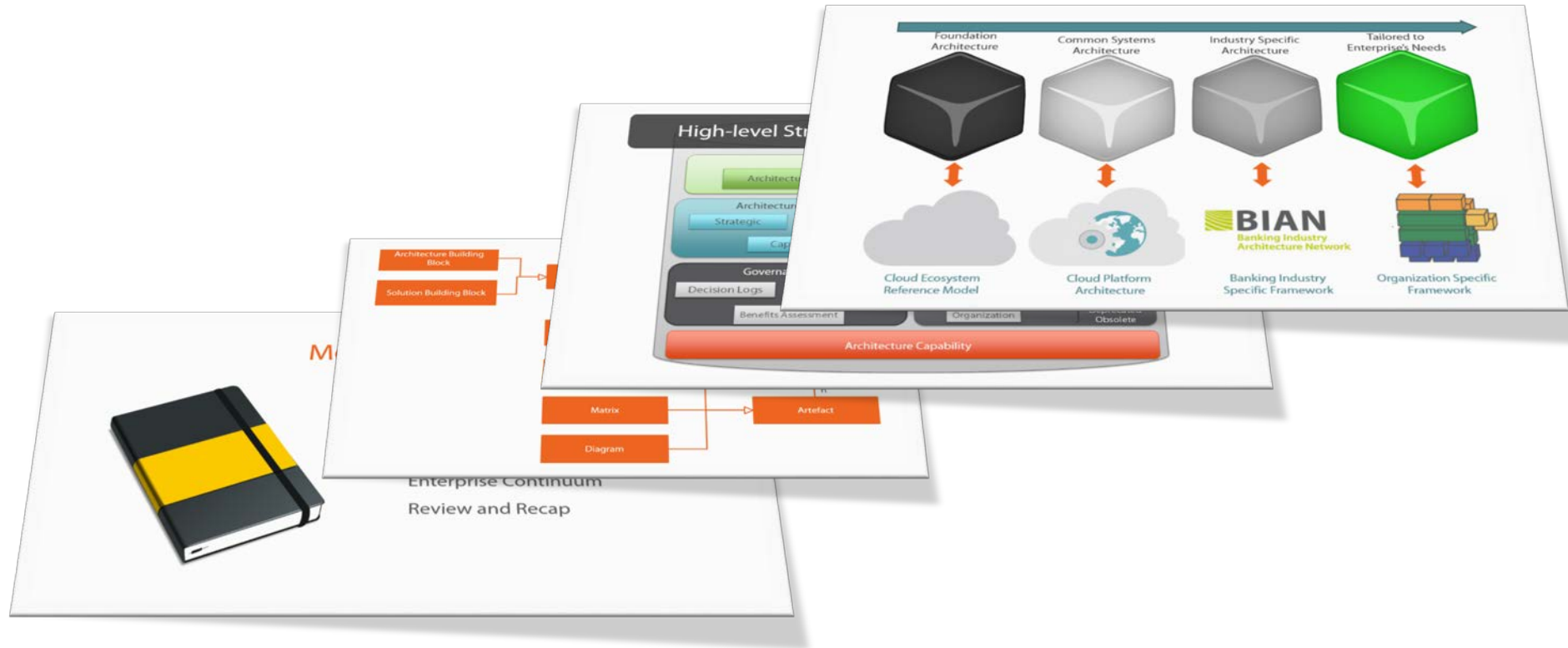
Module 6



Module 7



Module 8





Thank You!