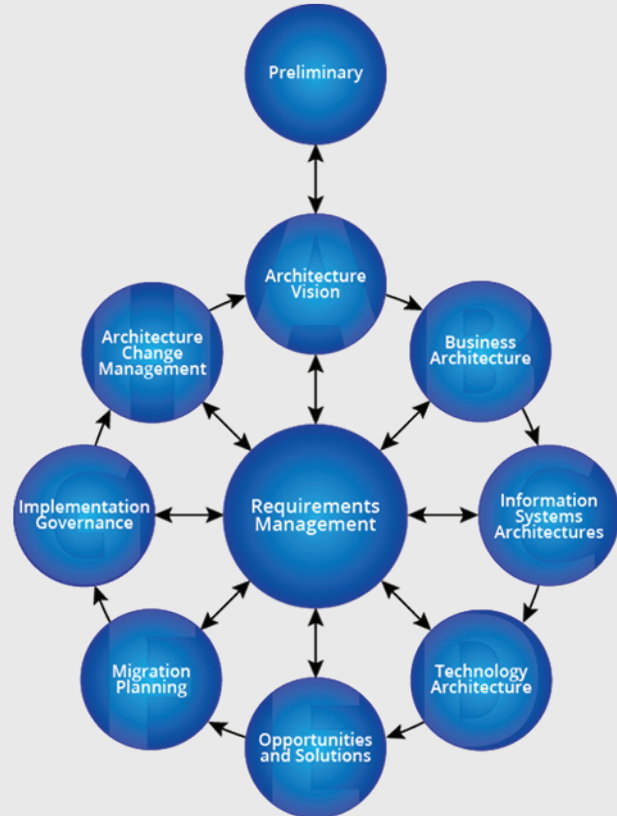# TOGAF® Poster Series #18
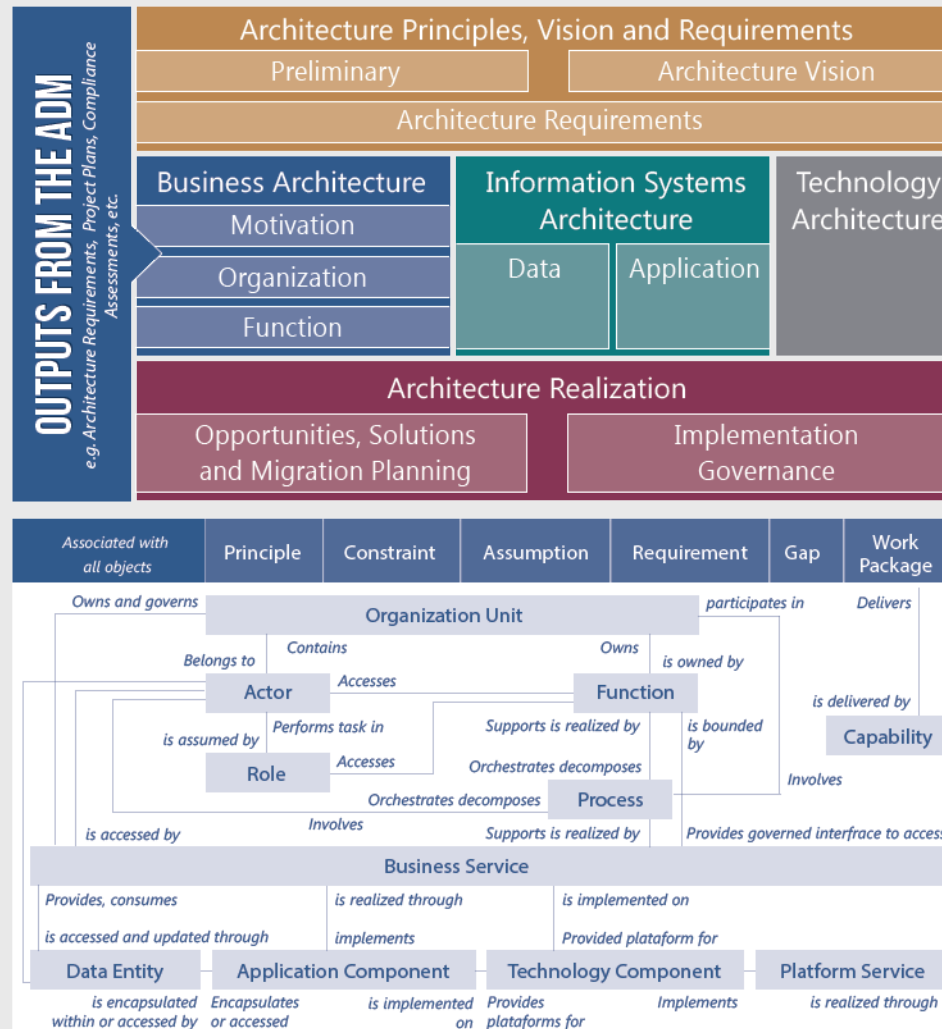## Deliverables, Artifacts and Building Blocks
by Roger Evernden

Good e-Learning

TOGAF uses a very specific language to describe the outputs that architects produce. This poster highlights the key things you need to know.
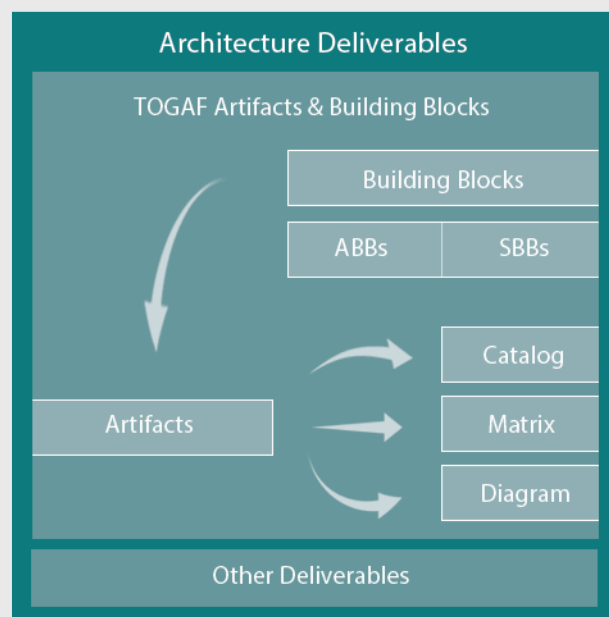
The Architecture Development Method (ADM) provides a process creating outputs or deliverables

ADM phases: Preliminary, Architecture Vision, Business Architecture, Information Systems Architectures, Technology Architecture, Opportunities and Solutions, Migration Planning, Implementation Governance, Architecture Change Management, Requirements Management

OUTPUTS FROM THE ADM
e.g. Architecture Requirements, Project Plans, Compliance Assessments, etc.

Architecture Principles, Vision and Requirements
- Preliminary
- Architecture Vision
- Architecture Requirements

Business Architecture
- Motivation
- Organization
- Function

Information Systems Architecture
- Data
- Application

Technology Architecture

Architecture Realization
- Opportunities, Solutions and Migration Planning
- Implementation Governance

Associated with all objects	Principle	Constraint	Assumption	Requirement	Gap	Work Package

Owns and governs — Organization Unit — participates in — Delivers
Belongs to — Contains — Owns — is owned by
Actor — Accesses — Function — is delivered by
is assumed by — Performs task in — Supports is realized by — is bounded by — Capability
Role — Accesses — Orchestrates decomposes — Involves
is accessed by — Orchestrates decomposes — Process
Involves — Supports is realized by — Provides governed interface to access
Business Service
Provides, consumes — is realized through — is implemented on
is accessed and updated through — implements — Provided platform for
Data Entity — Application Component — Technology Component — Platform Service
is encapsulated within or accessed by — Encapsulates or accessed — is implemented on — Provides platforms for — Implements — is realized through

The Architecture Content Framework provides a consistent structure to define and present work products

Information is structured through the metamodel

The content metamodel is used to structure architectural information from the Content Framework in an ordered way to meet stakeholder needs, & to provide consistency, completeness & traceability

Architecture Deliverables

TOGAF Artifacts & Building Blocks
- Building Blocks
  - ABBs
  - SBBs
- Artifacts
  - Catalog
  - Matrix
  - Diagram
- Other Deliverables

BUILDING BLOCKS
The Enterprise Architecture is described as a set of Building Blocks.
Each Building Block is an entity – defined in the metamodel. For example, a Business Service called "Purchase Order".
A Building Block may include other dependent or contained entities – for example "Purchase Order" may include processes, data entities & application components.
A Building Block can be either an Architecture Building Block (ABB) or a Solution Building Block (SBB).
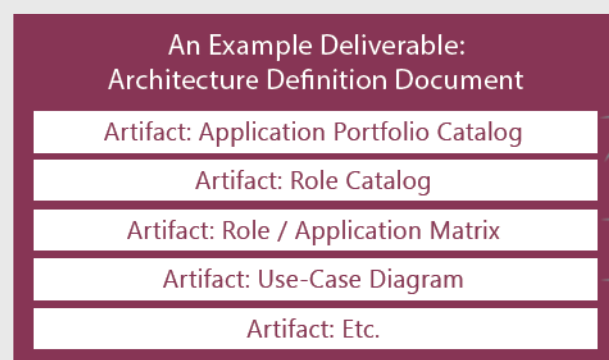
ARTIFACTS
Most stakeholders don't need or want to know about the metamodel! But they do want to understand how EA will address their particular concerns. This is where TOGAF uses Building Blocks, Catalogs, Matrices and Diagrams.
A standard set of artifacts are organized as Viewpoints, allowing Stakeholders to View their concerns from an architectural perspective.

OTHER DELIVERABLES
Other deliverables include anything that is not structured according to the TOGAF metamodel – for example, deliverables from other architecture frameworks.

An Example Deliverable: Architecture Definition Document
- Artifact: Application Portfolio Catalog
- Artifact: Role Catalog
- Artifact: Role / Application Matrix
- Artifact: Use-Case Diagram
- Artifact: Etc.

A list of building blocks of a specific type, or of related types, used for governance or reference

A grid that shows relationships between two or more metamodel entities, in a list format

A graphical rendering of architectural content

- SBB: Baseline Call Handling Application
- ABB: Target Call Handling Application
- SBB: Customer Service Representative
- ABB: Target Call Handling Process
- ABB: Etc.