TOGAF® Poster Series #79

TOGAF Simplified Part 4 : Architecture Content Framework

Good e-Learning

In this poster we summarise the key points from Part III of the TOGAF documentation. It is part of a series, TOGAF Simplified, that gives you a short, quick reminder of each section of the TOGAF documentation.

THERE ARE ONLY 5 CHAPTERS IN PART 4

CHAPTER 33: provides an **Introduction to the Architecture Content Framework**

CHAPTER 34 describes the **Content Metamodel** - a formal structure for managing architectural work products or artifacts, to ensure consistency within the ADM and provide guidance for using architecture tools

Architectural Artifacts are described in **CHAPTER 35**, which describes the recommended artifacts for each phase of the ADM, with guidance for developing views

Architecture Deliverables referenced in the ADM are then described in **CHAPTER 36**

CHAPTER 37 explains the concept of **Building Blocks**

INTRODUCTION (CHAPTER 33)

- A **deliverable** is a work product that is **contractually specified** and formally reviewed, agreed, and signed off by the stakeholders
- An **artifact** is an architectural work product that **describes an aspect of the architecture**. They are classified in TOGAF as **catalogs** (lists of things), **matrices** (showing relationships between things), and **diagrams** (pictures of things)
- A **building block** represents a potentially re-usable component of business, IT, or architectural **capability.**

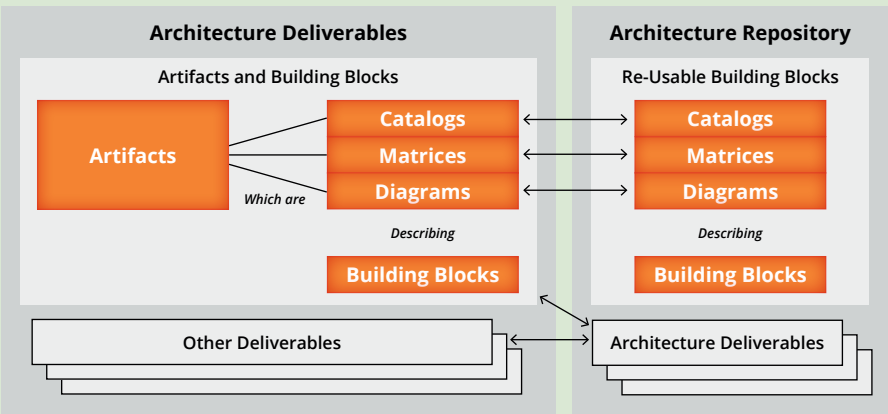


Figure 33-1 : *Relationships between Deliverables, Artifacts, and Building Blocks*

THE CONTENT METAMODEL

An EA metamodel provides a formal description of the type the components required by an enterprise architecture. The TOGAF metamodel is divided into a Core and a set of Extensions.

Chapter 34 describes in detail the entities (components) and their relationships within the TOGAF metamodel.

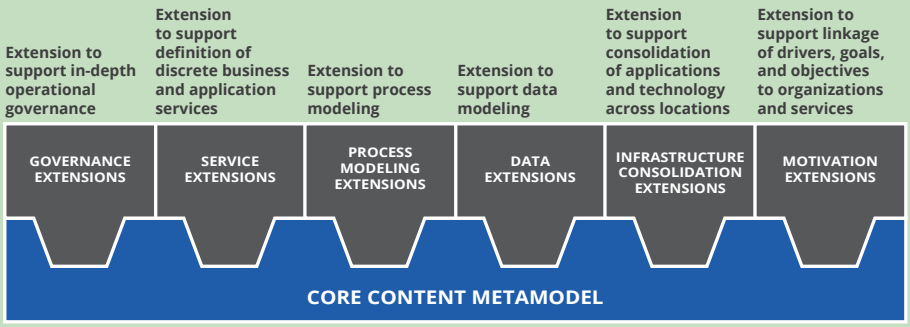


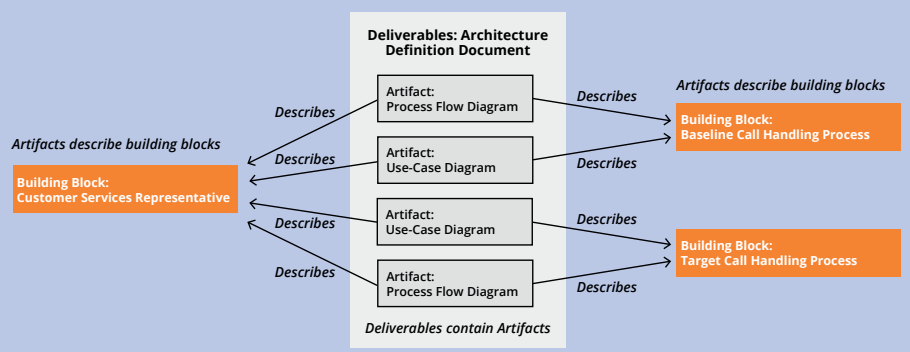
Figure 34-1 : *TOGAF Content Metamodel and its Extensions*

ARCHITECTURAL ARTIFACTS

- **CHAPTER 35** starts with an overview of some of the most important **basic concepts** in EA - adapted from formal definitions contained in **ISO/IEC 42010**. This includes **architecture, system, architectural description, stakeholder, concerns, views** and **viewpoints.**
- The chapter also lists the TOGAF suggested **architectural artifacts by ADM Phase.**
- Finally it gives some detailed **examples** of how to develop the TOGAF recommended **architecture views.**

BUILDING BLOCKS

- Artifacts and deliverables are closely related. Deliverables will either **contain**, or be made up of, **one or more artifacts**, as shown by the example in Figure 33-2:



- CHAPTER 36 provides descriptions of the following TOGAF **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; Communication Plan; Compliance Assessment; 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.

BUILDING BLOCKS

- **CHAPTER 37** describes the **generic characteristics** of building blocks; it then explains the distinction between **Architecture Building Blocks** (ABBs) and **Solution Building Blocks** (SBBs).
- This chapter also describes the basic **principles** of building blocks in **Architecture Design and Building Block Design.**
- Before going on to look at the **specification process** for building blocks **in the ADM**.

© Good e-Learning 2015. ArchiMate®, The Open Group® and TOGAF® are registered trademarks of the Open Group in the United States and other countries