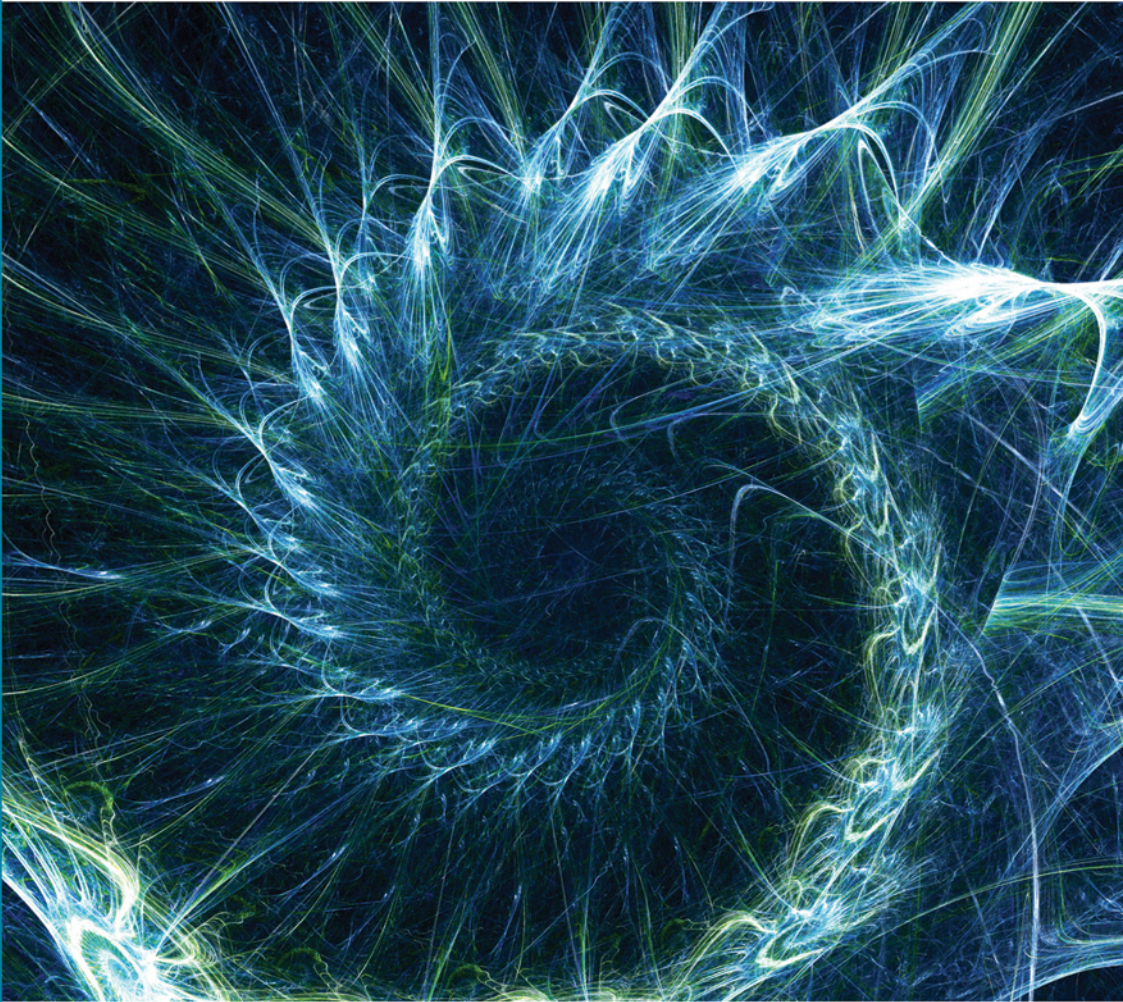


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Preface

The TOGAF® standard is an open, industry consensus framework for Enterprise Architecture.

It is a foundational framework, which means that it is applicable to the development of any kind of architecture in any context. This foundational framework is supplemented by The Open Group TOGAF Library,¹ an extensive and growing portfolio of guidance material, providing practical guidance in the application of the TOGAF framework in specific contexts.

The TOGAF Standard, Version 9.2 is an update to the TOGAF 9.1 standard to provide additional guidance, correct errors, address some structural challenges, and remove obsolete content. All of these changes will make the TOGAF framework easier to use and maintain.²

The TOGAF Documentation

The TOGAF documentation consists of a set of documents:

- The TOGAF standard (this document) which describes the generally applicable approach to Enterprise and IT Architecture
- The TOGAF Library, a portfolio of guidance material to support the practical application of the TOGAF approach

This Document

There are six parts to this document:

- PART I (Introduction) This part provides a high-level introduction to the key concepts of Enterprise Architecture and in particular the TOGAF approach. It contains the definitions of terms used throughout the TOGAF documentation.
- PART II (Architecture Development Method) This part is the core of the TOGAF framework. It describes the TOGAF Architecture Development Method (ADM) — a step-by-step approach to developing an Enterprise Architecture.
- PART III (ADM Guidelines & Techniques) This part contains a collection of guidelines and techniques available for use in applying the TOGAF approach and the TOGAF ADM.
- PART IV (Architecture Content Framework) This part describes the TOGAF content framework, including a structured metamodel for architectural artifacts, the use of re-usable Architecture Building Blocks (ABBs), and an overview of typical architecture deliverables.

1. The TOGAF Library (<https://publications.opengroup.org/togaf-library>) provides a publicly available structured list of Guides and White Papers which provide guidance in the practical application of the TOGAF approach.

2. A full comparison of this version with the TOGAF Version 9.1 standard may be found in The Open Group White Paper: An Introduction to the TOGAF® Standard, Version 9.2 (www.opengroup.org/library/w182).

PART V (Enterprise Continuum & Tools) This part discusses appropriate taxonomies and tools to categorize and store the outputs of architecture activity within an enterprise.

PART VI (Architecture Capability Framework) This part discusses the organization, processes, skills, roles, and responsibilities required to establish and operate an architecture function within an enterprise.

Intended Audience

The TOGAF standard is intended for Enterprise Architects, Business Architects, IT Architects, Data Architects, Systems Architects, Solution Architects, and anyone responsible for the architecture function within an organization.

Keywords

architecture, architecture framework, architecture development method, architect, architecting, enterprise architecture, enterprise architecture framework, enterprise architecture method, method, methods, open, group, technical reference model, standards, standards information base

About The Open Group

The Open Group

The Open Group is a global consortium that enables the achievement of business objectives through technology standards. Our diverse membership of more than 580 organizations includes customers, systems and solutions suppliers, tools vendors, integrators, academics, and consultants across multiple industries.

The Open Group aims to:

- Capture, understand, and address current and emerging requirements, establish policies, and share best practices
- Facilitate interoperability, develop consensus, and evolve and integrate specifications and open source technologies
- Operate the industry's premier certification service

Further information on The Open Group is available at www.opengroup.org.

The Open Group publishes a wide range of technical documentation, most of which is focused on development of Open Group Standards and Guides, but which also includes white papers, technical studies, certification and testing documentation, and business titles.

Full details and a catalog are available at www.opengroup.org/library.

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- TOGAF® Series Guide: The TOGAF Technical Reference Model (TRM), September 2017 (G175), published by The Open Group; refer to www.opengroup.org/library/g175
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- TOGAF® Series Guide: Value Streams, October 2017 (G178), published by The Open Group; refer to www.opengroup.org/library/g178
- UML Profile and Metamodel for Services (UPMS) RFP (OMG soa/2006-09-09), Object Management Group (OMG), June 2007
- Unified Modeling Language™ (UML®) Specification, Object Management Group (OMG); refer to www.uml.org

The following websites provide useful reference material:

- The Cloud Computing Design Patterns community website (refer to www.cloudpatterns.org)
- The Information Technology Governance Institute: www.isaca.org/About-ISACA/IT-Governance-Institute
This website has many resources that can help with corporate assessment of both IT and governance in general.
- The Patterns Home Page: hillside.net/patterns
This website is hosted by The Hillside Group and provides information about patterns, links to online patterns, papers, and books dealing with patterns, and patterns-related mailing lists.
- The Patterns-Discussion FAQ: g.oswego.edu/dl/pd-FAQ/pd-FAQ.html
This website is maintained by Doug Lea and provides a thorough and highly readable FAQ about patterns.
- The SOA Patterns community website (refer to www.soapatterns.org/), dedicated to the ongoing development and expansion of the SOA design pattern catalog
- The Volere website has a useful list of leading requirements tools www.volere.co.uk/tools.htm

The TOGAF Standard, Version 9.2

Part I: Introduction

The Open Group

Introduction

The TOGAF standard is a framework for Enterprise Architecture. It may be used freely by any organization wishing to develop an Enterprise Architecture for use within that organization (see Section 1.4.1).

The TOGAF standard is developed and maintained by members of The Open Group, working within the Architecture Forum (refer to www.opengroup.org/architecture). The original development of TOGAF Version 1 in 1995 was based on the Technical Architecture Framework for Information Management (TAFIM), developed by the US Department of Defense (DoD). The DoD gave The Open Group explicit permission and encouragement to create Version 1 of the TOGAF standard by building on the TAFIM, which itself was the result of many years of development effort and many millions of dollars of US Government investment.

Starting from this sound foundation, the members of The Open Group Architecture Forum have developed successive versions of the TOGAF standard and published each one on The Open Group public website.

This version builds on previous versions of the TOGAF standard and updates the material available to architecture practitioners to assist them in building a sustainable Enterprise Architecture. Work on White Papers and Guides describing how to integrate and use this standard with other frameworks and architectural styles has highlighted the universal framework parts of the standard, as well as industry, architecture style, and purpose-specific tools, techniques, and guidance. This work is embodied in the TOGAF Library.¹

Although all of the TOGAF documentation works together as a whole, it is expected that organizations will customize it during adoption, and deliberately choose some elements, customize some, exclude some, and create others. For example, an organization may wish to adopt the TOGAF metamodel, but elect not to use any of the guidance on how to develop an in-house Technology Architecture because they are heavy consumers of cloud and Open Platform 3.0™.

Regardless of your prior experience, you are recommended to read the Executive Overview (see Section 1.3), where you will find an outline of The Open Group understanding of Enterprise Architecture and answers to fundamental questions, such as:

- Why is an Enterprise Architecture needed?
- Why use the TOGAF standard as a framework for Enterprise Architecture?

1. The TOGAF Library provides an online publicly available structured list of Guides, White Papers, and other resources. Refer to The Open Group Library at <https://publications.opengroup.org/togaf-library>.

1.1 Structure of this Document

The structure of this document reflects the structure and content of an Architecture Capability within an enterprise, as shown in Figure 1-1.

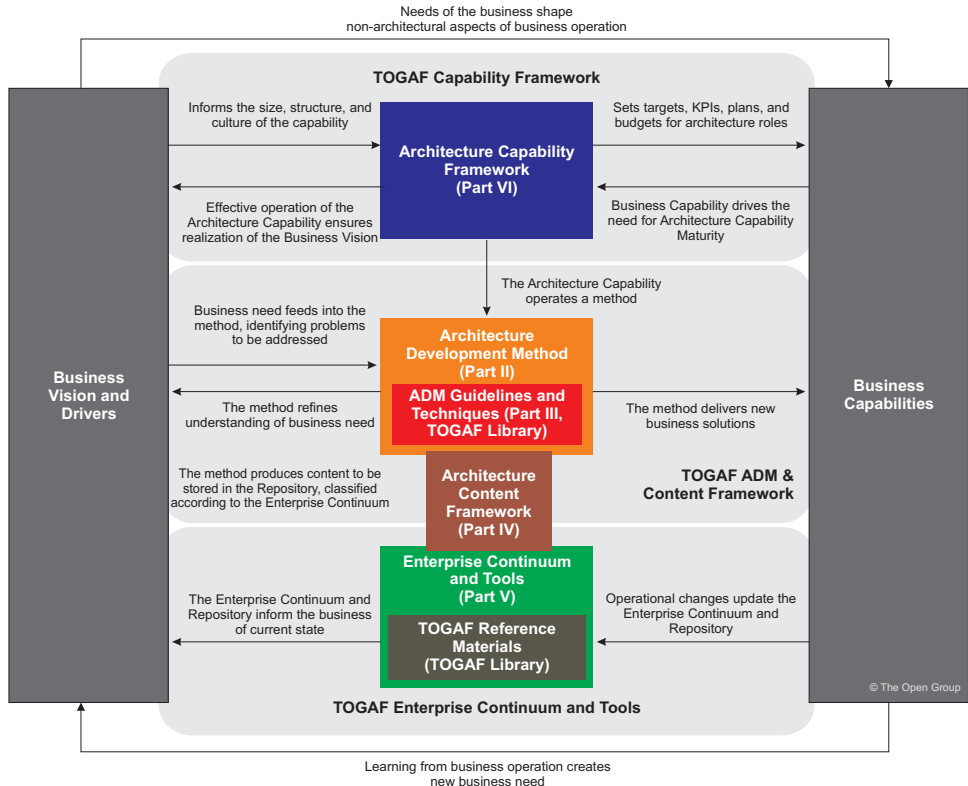


Figure 1-1 Structure of the TOGAF Standard

There are six parts to this document:

- PART I** (Introduction) This part provides a high-level introduction to the key concepts of Enterprise Architecture and in particular the TOGAF approach. It contains the definitions of terms used throughout this standard.
- PART II** (Architecture Development Method) This part is the core of the TOGAF framework. It describes the TOGAF Architecture Development Method (ADM) — a step-by-step approach to developing an Enterprise Architecture.
- PART III** (ADM Guidelines & Techniques) This part contains a collection of guidelines and techniques available for use in applying the TOGAF approach and the TOGAF ADM. Additional guidelines and techniques are available in the TOGAF Library.
- PART IV** (Architecture Content Framework) This part describes the TOGAF content framework, including a structured metamodel for architectural artifacts, the use of re-usable Architecture Building Blocks (ABBs), and an overview of typical architecture deliverables.