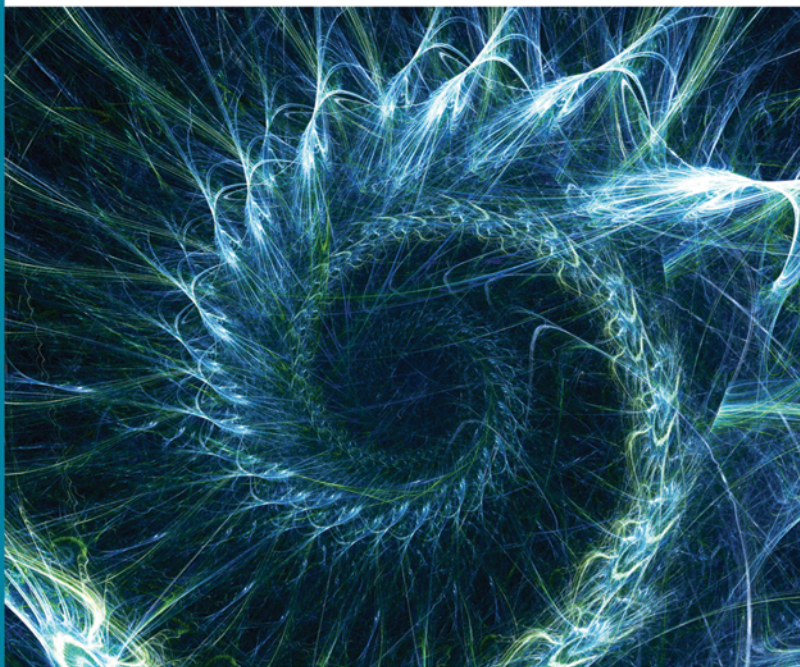


The TOGAF® Standard, Version 9.2

A Pocket Guide



Andrew Josey et al.

THE TOGAF® STANDARD, VERSION 9.2 – A POCKET GUIDE

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The Open Group
Apex Plaza
Forbury Road
Reading
Berkshire, RG1 1AX
United Kingdom

or by electronic mail to: ogspecs@opengroup.org

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Preface

This Document

This is the Pocket Guide to the TOGAF® Standard, Version 9.2. It is intended to help architects focus on the efficient and effective operations of their organization and senior managers understand the basics of the TOGAF standard. It is organized as follows:

- Chapter 1 provides a high-level view of the TOGAF standard, Enterprise Architecture, and the contents and key concepts of the standard; it also introduces the TOGAF Library, a portfolio of guidance material supporting the standard
- Chapter 2 provides an introduction to the Architecture Development Method (ADM), the method that the TOGAF standard provides to develop Enterprise Architectures
- Chapter 3 provides an overview of key techniques and deliverables of the ADM cycle
- Chapter 4 provides an overview of the guidelines for adapting the ADM
- Chapter 5 provides an introduction to the Architecture Content Framework, a structured metamodel for architectural artifacts
- Chapter 6 provides an introduction to the Enterprise Continuum, a high-level concept that can be used with the ADM to develop an Enterprise Architecture
- Chapter 7 provides an introduction to the Architecture Capability Framework, a set of resources provided for establishment and operation of an architecture function within an enterprise
- Appendix A provides an overview of the changes between Version 9.1 and Version 9.2 of the TOGAF standard

The audience for this document is:

- Enterprise Architects, Business Architects, IT architects, data architects, systems architects, solutions architects, and senior managers seeking a first introduction to the TOGAF standard

A prior knowledge of Enterprise Architecture is not required. After reading this document, the reader seeking further information should refer to the TOGAF documentation¹ available online at www.opengroup.org/architecture/togaf9-doc/arch and also available as a hardcopy book.

About the TOGAF Standard, Version 9.2

The TOGAF Standard, Version 9.2 is an update to the TOGAF 9.1 Standard providing improved guidance, correcting errors, improving the document structure, and removing obsolete content. Key enhancements made in this version include updates to the Business Architecture and the Content Metamodel. All of these changes make the TOGAF framework easier to use and maintain. It retains the major features and structure of the TOGAF 9.1 Standard including:

Modular Structure: The TOGAF standard has a modular structure. The modular structure supports:

- Greater usability – defined purpose for each part; can be used in isolation as a standalone set of guidelines
- Incremental adoption of the TOGAF standard
- Accompanying the standard is a portfolio of guidance material, known as the TOGAF Library, to support the practical application of the TOGAF approach

Content Framework: The TOGAF standard includes a content framework to drive greater consistency in the outputs that are created when following the Architecture Development Method (ADM). The TOGAF content framework provides a detailed model of architectural work products.

Extended Guidance: The TOGAF standard features an extended set of concepts and guidelines to support the establishment of an integrated

¹ The TOGAF® Standard, Version 9.2 (C182); refer to www.opengroup.org/library/c182.

hierarchy of architectures being developed by teams within larger organizations that operate within an overarching architectural governance model. In particular, the following concepts are included:

- Partitioning – a number of techniques and considerations on how to partition the various architectures within an enterprise
- Architecture Repository – a logical information model for an Architecture Repository which can be used as an integrated store for all outputs created by executing the ADM
- Capability Framework – a structured definition of the organization, skills, roles, and responsibilities required to operate an effective Enterprise Architecture Capability; the TOGAF Standard also provides guidance on a process that can be followed to identify and establish an appropriate Architecture Capability

Architectural Styles: The TOGAF standard is designed to be flexible and it can be used with various architectural styles. Examples are provided both in the TOGAF standard, in Part III: ADM Guidelines and Techniques, and in the TOGAF Library. Together these comprise a set of supporting materials that show in detail how the ADM can be applied to specific situations; for example:

- The varying uses of iteration that are possible within the ADM and when each technique should be applied
- The various types of architecture development required within an enterprise and how these relate to one another
- The use of the TOGAF ADM with Service-Oriented Architectures (SOAs), Risk and Security, etc.

Additional ADM Detail: The TOGAF Standard, Version 9.2 includes additional detailed information over earlier versions of the TOGAF Standard for supporting the execution of the ADM. Particular areas of enhancement are:

- The Architecture Vision and Business Architecture phases feature extended guidance on development of the Business Architecture;

this includes focus on Business Capabilities, Value Streams, and Organization Maps

- The Technology Architecture phase recognizes that emerging technologies are increasingly leading to technology-driven change

Conventions Used in this Document

The following conventions are used throughout this document in order to help identify important information and avoid confusion over the intended meaning:

- **Ellipsis (...)**
Indicates a continuation; such as an incomplete list of example items, or a continuation from preceding text.
- **Bold**
Used to highlight specific terms.
- *Italics*
Used for emphasis. May also refer to other external documents.

About 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 has over 25 years' experience in developing and operating certification programs and has extensive experience developing and facilitating industry adoption of test suites used to validate conformance to an open standard or specification.

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.

A catalog is available at www.opengroup.org/library.

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About the Authors

Andrew Josey, The Open Group

Andrew Josey is VP Standards and Certification, overseeing all certification and testing programs of The Open Group. He also manages the standards process for The Open Group. At The Open Group, he has led many standards development projects including specification and certification development for the ArchiMate®, IT4IT™, TOGAF®, Open FAIR™, POSIX®, and UNIX® programs. He is a member of the IEEE, USENIX and the Association of Enterprise Architects (AEA). He holds an MSc in Computer Science from University College London.

Professor Rachel Harrison, Oxford Brookes University

Rachel Harrison is a Professor of Computer Science in the Department of Computing and Communication Technologies at Oxford Brookes University. Previously she was Professor of Computer Science, Head of the Department of Computer Science, and Director of Research for the School of Systems Engineering at the University of Reading. Her research interests include systems evolution, software metrics, requirements engineering, software architecture, usability and software testing. She has published over 100 refereed papers and consulted widely with industry, working with organizations such as IBM, the DERA, Philips Research Labs, Praxis Critical Systems, and The Open Group. She is Editor-in-Chief of the Software Quality Journal, published by Springer. She is the author of the study guides for the TOGAF 9 certification program.

Paul Homan, IBM

Paul Homan is the Chief Technology Officer for Industrial sector clients within IBM's Global Business Services. He is a Certified Master IT Architect, specializing in Enterprise Architecture with over 20 years' experience in IT. Highly passionate and practically experienced in architecture, strategy, design authority, and governance areas, Paul is particularly interested in Enterprise Architecture leadership,

Requirements Management, and Business Architecture. He joined IBM from end-user environments, having worked as Chief Architect in both the UK Post Office and Royal Mail. He has not only established Enterprise Architecture practices, but has also lived with the results! Since joining IBM, Paul has dedicated his time to both advising clients on Architecture Capability as well as actively leading architecture efforts on large client programs. Paul has also been a leader in building IBM's capability around Enterprise Architecture and the TOGAF framework.

Matthew F. Rouse, DXC Technology

Matthew Rouse is an Enterprise Architect and Deputy Account Chief Technologist at DXC Technology. Matthew has over 20 years' IS/IT experience in applications development, system architecture, IS/IT strategy, and Enterprise Architecture. He brings expertise in strategic IS/IT planning and architecture to ensure that enterprises align their IS/IT investments with their business objectives. Matthew is a Chartered IT Professional member of the British Computer Society, a Master Certified IT Architect, and a member of the IEEE Computer Society.

Tom van Sante, KPN Consulting Nederland

Tom van Sante is a Principal Consultant for KPN Consulting Nederland. He started his career in IT over 30 years ago after studying architecture at the Technical University in Delft. Working in a variety of functions, from operations to management, he has always operated on the borders between business and IT. He was involved in the introduction and development of ITIL/ASL/BiSL in the Netherlands. He has worked in numerous appointments for Government and Industry advising on the use of IT in modern society.

Mike Turner, EY

Mike Turner led Capgemini's development effort on TOGAF Version 9 and also worked in the core team that developed the SAP Enterprise Architecture Framework (a joint initiative between Capgemini and SAP).

He is currently working as Director, Strategy and Architecture Advisory at EY.

Paul van der Merwe, WesBank

Paul van der Merwe is Head of Group Enterprise Architecture, IT Governance, and IT Strategy at WesBank. A conceptual thinker, he has driven a number of advances in the fields in which he has specialized, among them software development, business intelligence, ICT management, and Enterprise Architecture. The fundamental approach to Enterprise Architecture advocated by him is repository-based Enterprise Architecture that should be established within organizations as an ongoing practice that enables business and technology capabilities.

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Chapter 1

Introduction

This chapter provides an introduction to the TOGAF standard, an open, industry consensus framework for Enterprise Architecture.

Topics addressed in this chapter include:

- An introduction to the TOGAF standard
- The structure and content of the TOGAF documentation
- The kinds of architecture that the TOGAF framework can be used to address

1.1 Introduction to the TOGAF Standard

The TOGAF standard is a framework for Enterprise Architecture. Put simply, it is a standard approach for assisting in the acceptance, production, use, and maintenance of Enterprise Architectures. It is based on an iterative process model supported by best practices and a re-usable set of existing architectural assets.

The TOGAF standard is developed and maintained by members of The Open Group, working within the Architecture Forum. The original development of TOGAF Version 1 in 1995 was based on the US Department of Defense Technical Architecture Framework for Information Management (TAFIM). Starting from this sound foundation, The Open Group Architecture Forum has developed successive versions of TOGAF at regular intervals and published each one on The Open Group public website.

This document covers the TOGAF Standard, Version 9.2, first published in April 2018. It is an update to the TOGAF 9.1 Standard to provide additional guidance, correct errors, address some structural challenges, and remove obsolete content. A description of the changes is provided in Appendix A.