

Introduction to The Open Group & TOGAF



TOGAF is a registered trademark of The Open Group

Who Are The Open Group?

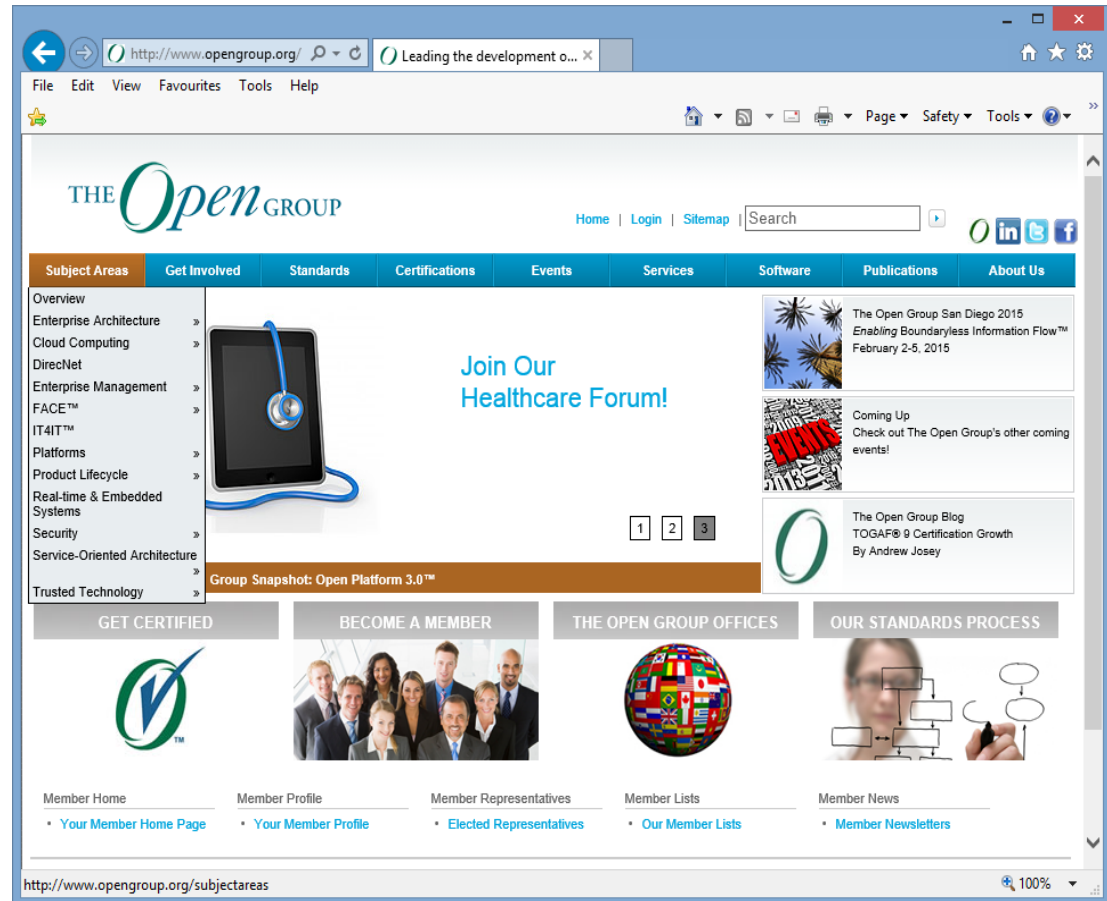
The Open Group is a consortium. It was founded in 1996 when X/open merged with the OSF.

It's initial focus was on technical standards such as UNIX/POSIX, CORBA, WAP, ODBC, LDAP.

It now focuses on open standards and the flow of information across organisations.

One of the standards is the Open Group Architecture Framework (TOGAF).

The Open Group covers a diverse group that spans all sectors of the ICT community ICT customers, systems and solutions suppliers, tool vendors, integrators and consultants, as well as academia and researchers.



There are many member organisations come from all over the world; 50% from North America, 25% from Europe, and 25% from Asia-Pacific. These include Capgemini, Fujitsu, Hewlett-Packard, Hitachi, BT Plc, IBM, PWC, US Department of Defence and NASA.

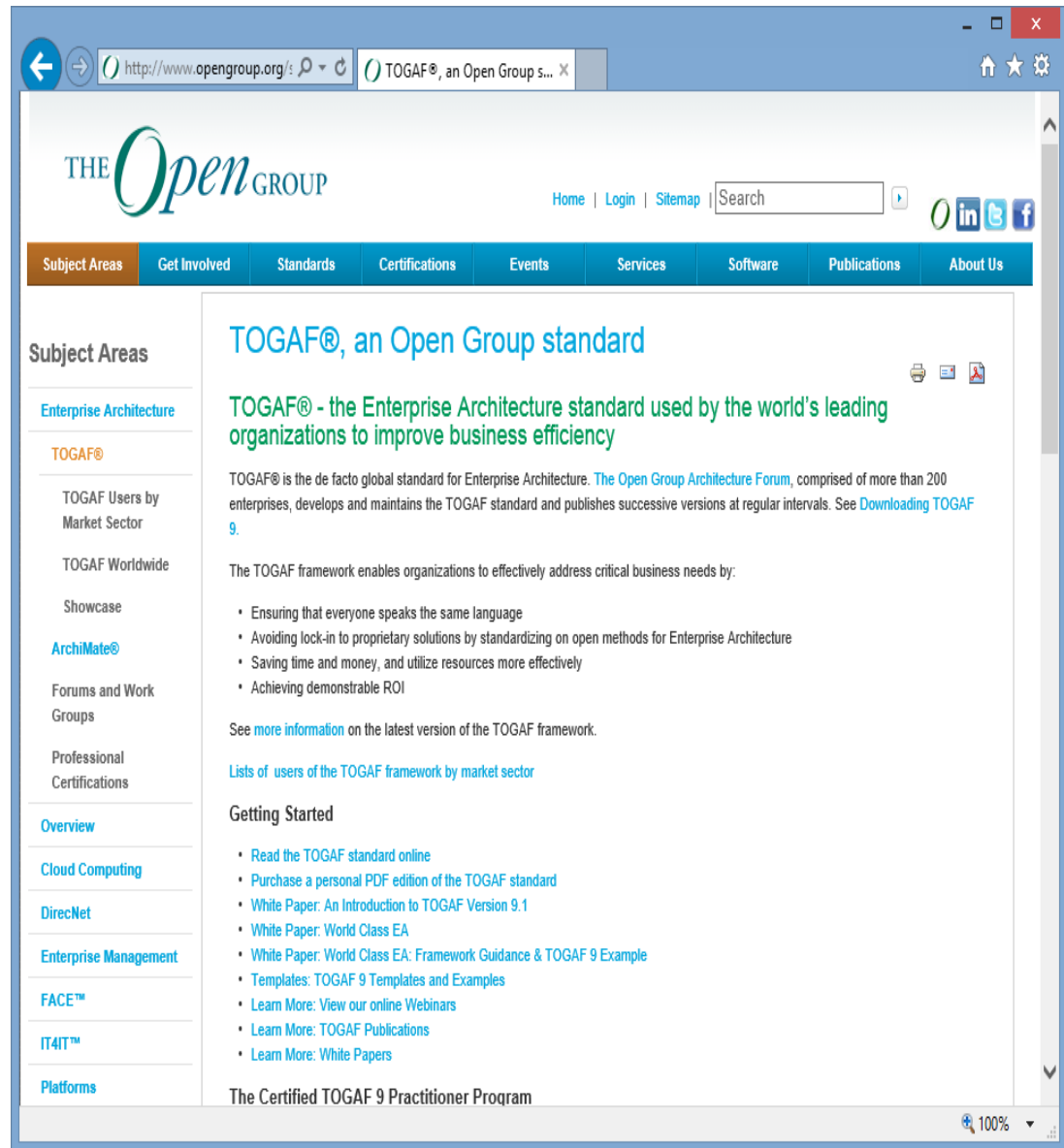
Many government departments and agencies use TOGAF particularly in Europe, and the US.

What Does The Open Group Do?

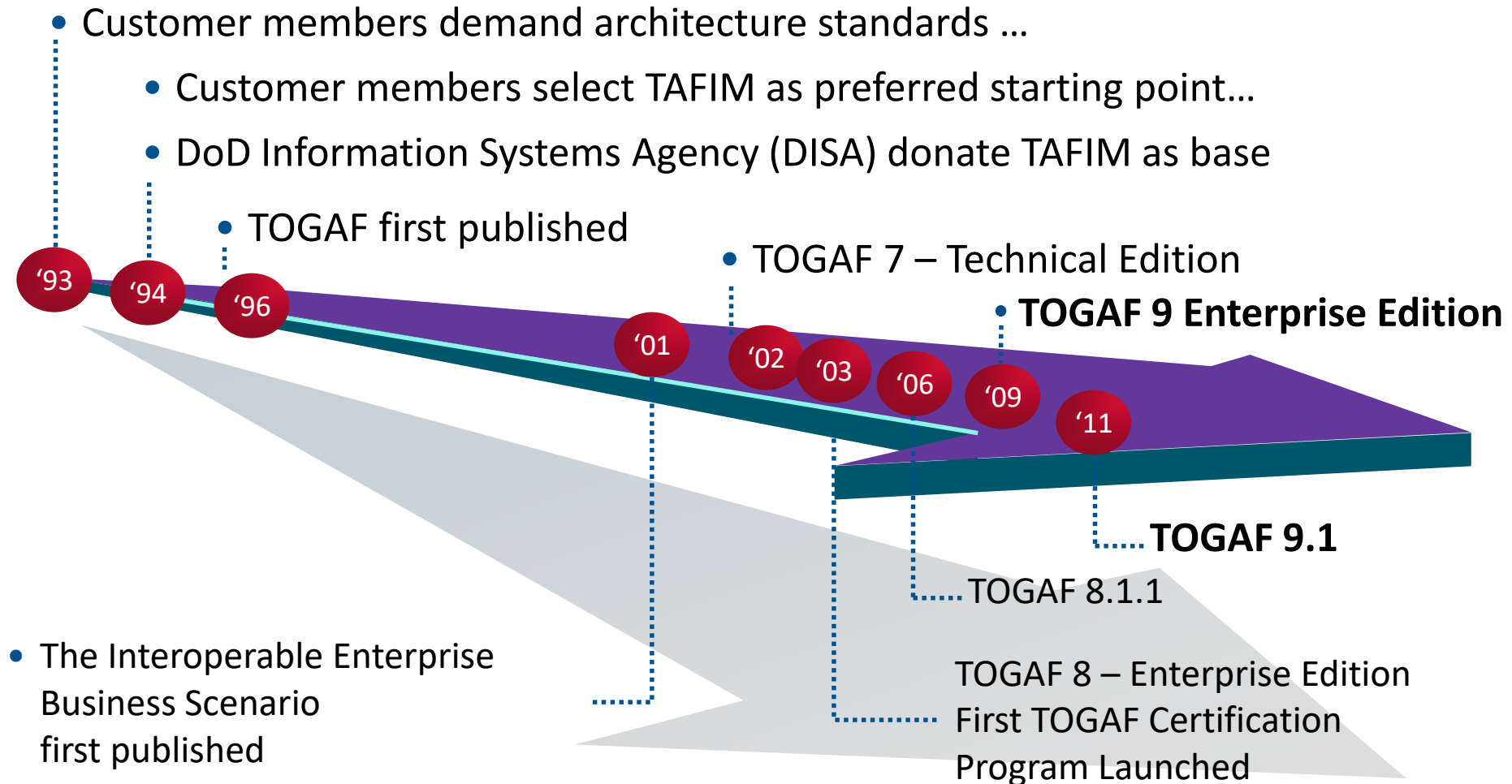
The Open Group defines standards and provides certification for people using those standards.

These certifications include:

IT Architect
IT Specialist
TOGAF Architect
CORBA
LDAP
POSIX
UNIX



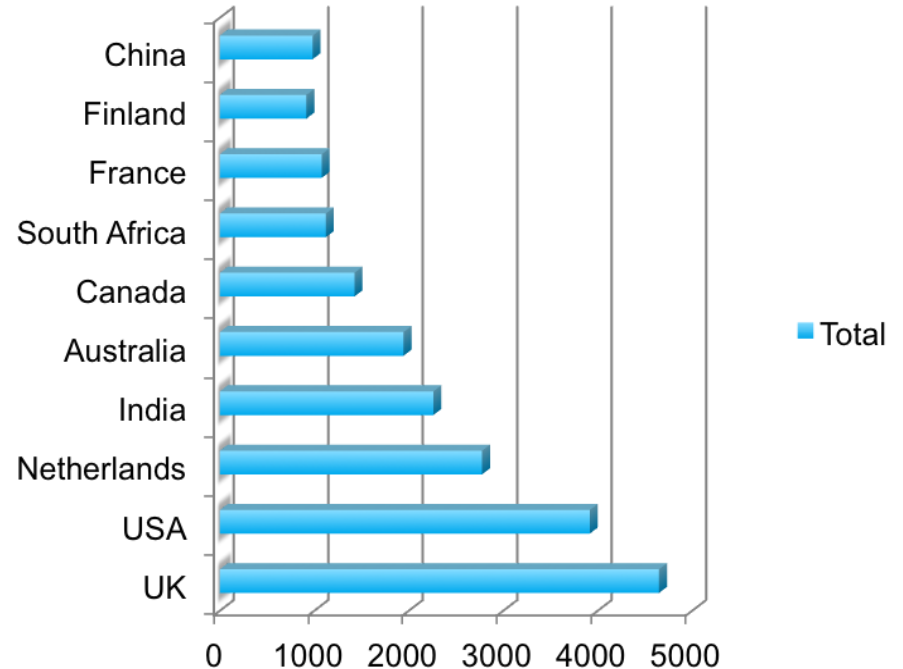
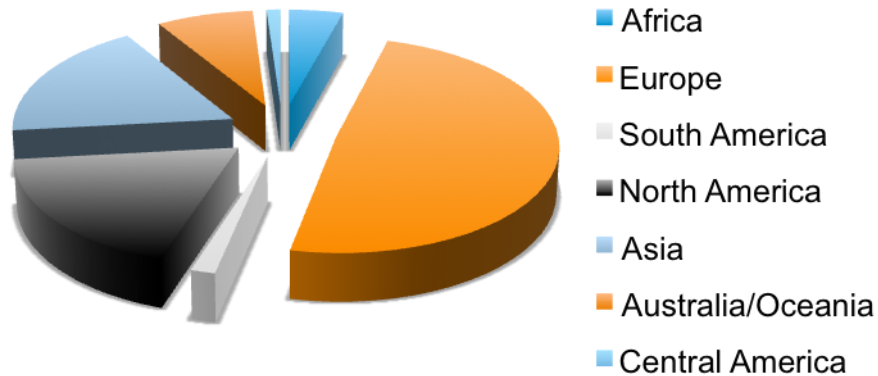
Member (Therefore User) Driven



- More than 100,000 downloads
- Over 32,000 certified practitioners
- More than 300 corporate members of The Open Group Architecture Forum
- Over 100,000 TOGAF series books shipped
- Association of Enterprise Architects membership at more than 38,000

TOGAF Certification Statistics

- TOGAF® 9
 - Foundation (10,000)
 - Certified (22,500)
 - Total (32,500) since February 2009
- TOGAF® 8
 - 1813



TOGAF 9 Market Drivers

- Ongoing quest for boundary less Information Flow
- In a survey of members, the three most prominent views:
 - The need for closer alignment with the business
 - The desire for simple implementation, greater usability
 - The next version of the TOGAF standard should be an evolution rather than a revolution
- Consideration for different architectural styles, e.g. SOA
- Security is an increasing concern for CIOs and Enterprise Architects due to disappearance of traditional boundaries
- Need for greater detail on Architecture Development Method (ADM)

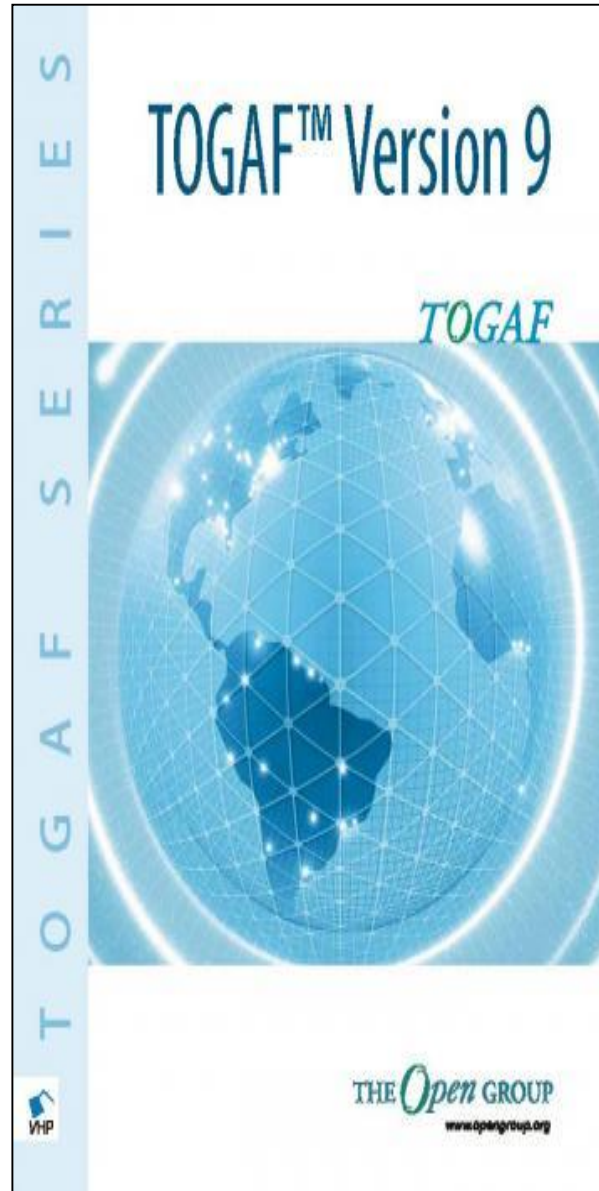
Introducing the TOGAF 9 Standard

- Developed, reviewed and approved by a collaborative of 300 members from some of the world's leading IT customers and vendors
- An evolution from TOGAF 8.1.1 that preserves existing investments
 - The core Architecture Development Method
 - Existing investment in people - knowledge and skills
 - Existing investment in tools
- Expanded detail and clarification of existing proof points
- Restructured for better usability
- More focused on holistic enterprise change
- Clear links between business and IT objects
- Increased consistency of output

- TOGAF 9.1 was released in December 2011
- It is the first maintenance update to the TOGAF 9 standard
- It is an upwards-compatible evolution addressing usage feedback and comments raised
 - It addresses over 400 comments received
 - Contains over 450 changes
- TOGAF 9 Technical Corrigendum 1 (Document U112) is available describing each change in detail

The Components Of TOGAF 9

TOGAF is formally made up of 7 parts that capture different aspects of the enterprise architecture.



Part I - Introduction
Preface, Executive Overview, Core Concepts, Definitions and Release Notes
Part II – Architecture Development Method
Introduction to ADM
ADM Phase Narratives
Part III – ADM Guidelines and Techniques
Guidelines for Adapting the ADM Process
Techniques for Architecture Development
Part IV – Architecture Content Framework
Content Metamodel
Architectural Artifacts
Architecture Deliverables
Building Blocks
Part V – Enterprise Continuum and Tools
Enterprise Continuum
Architecture Partitioning
Architecture Repository
Tools for Architecture Development
Part VI – TOGAF Reference Models
Foundation Architecture: Technical Reference Model
Integrated Information Infrastructure Reference Model
Part VII – Architecture Capability Framework
Architecture Board
Architecture Compliance
Architecture Contracts
Architecture Governance
Architecture Maturity Models
Architecture Skills Framework

Graphical View Of The Six Active Parts Of TOGAF

ADM



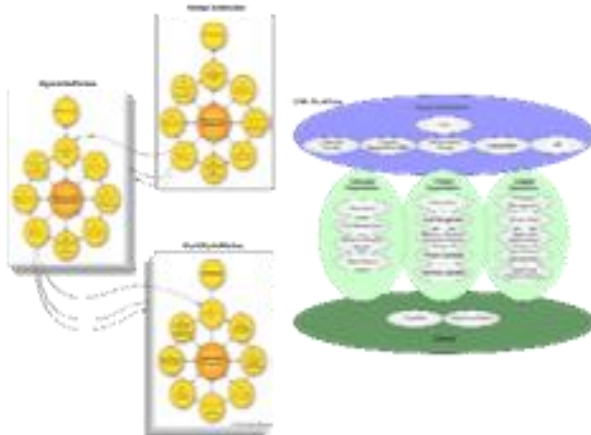
Architecture Content Framework



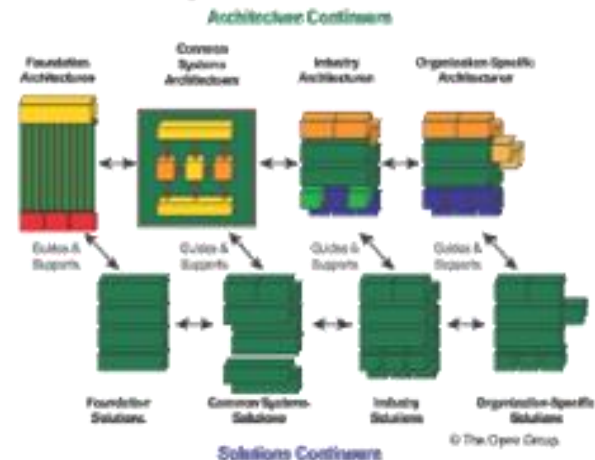
Reference Models



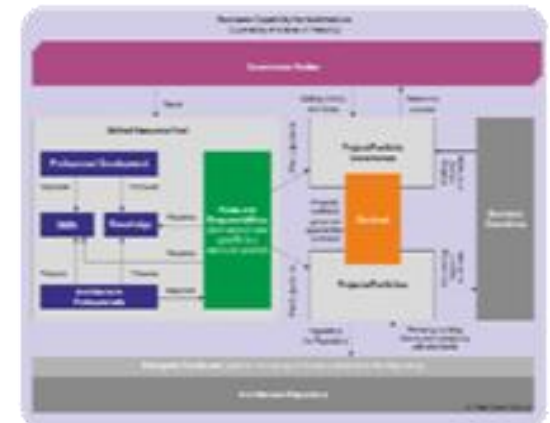
ADM Guidelines & Techniques



Enterprise Continuum



Architecture Capability Framework



The Open Group Architecture Framework

An architecture framework is a foundational structure, or set of structures, which can be used to develop a broad range of different architectures. It should describe a method for designing a target state of the enterprise in terms of a set of building blocks, and for showing how the building blocks fit together.

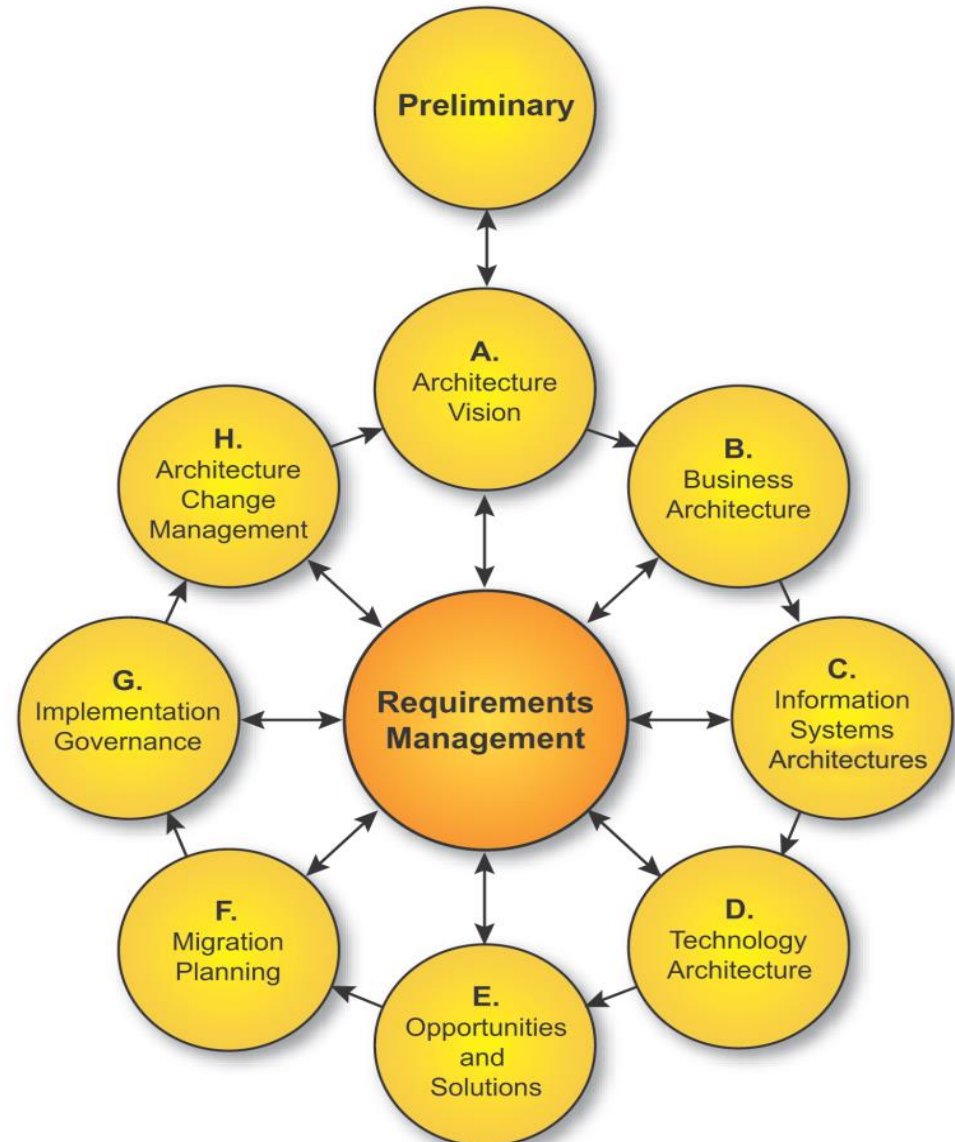
It should contain a set of tools and provide a common vocabulary. It should also include a list of recommended standards and compliant products that can be used to implement the building blocks

The Open Group Architecture Framework (TOGAF) is a method and tool 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.

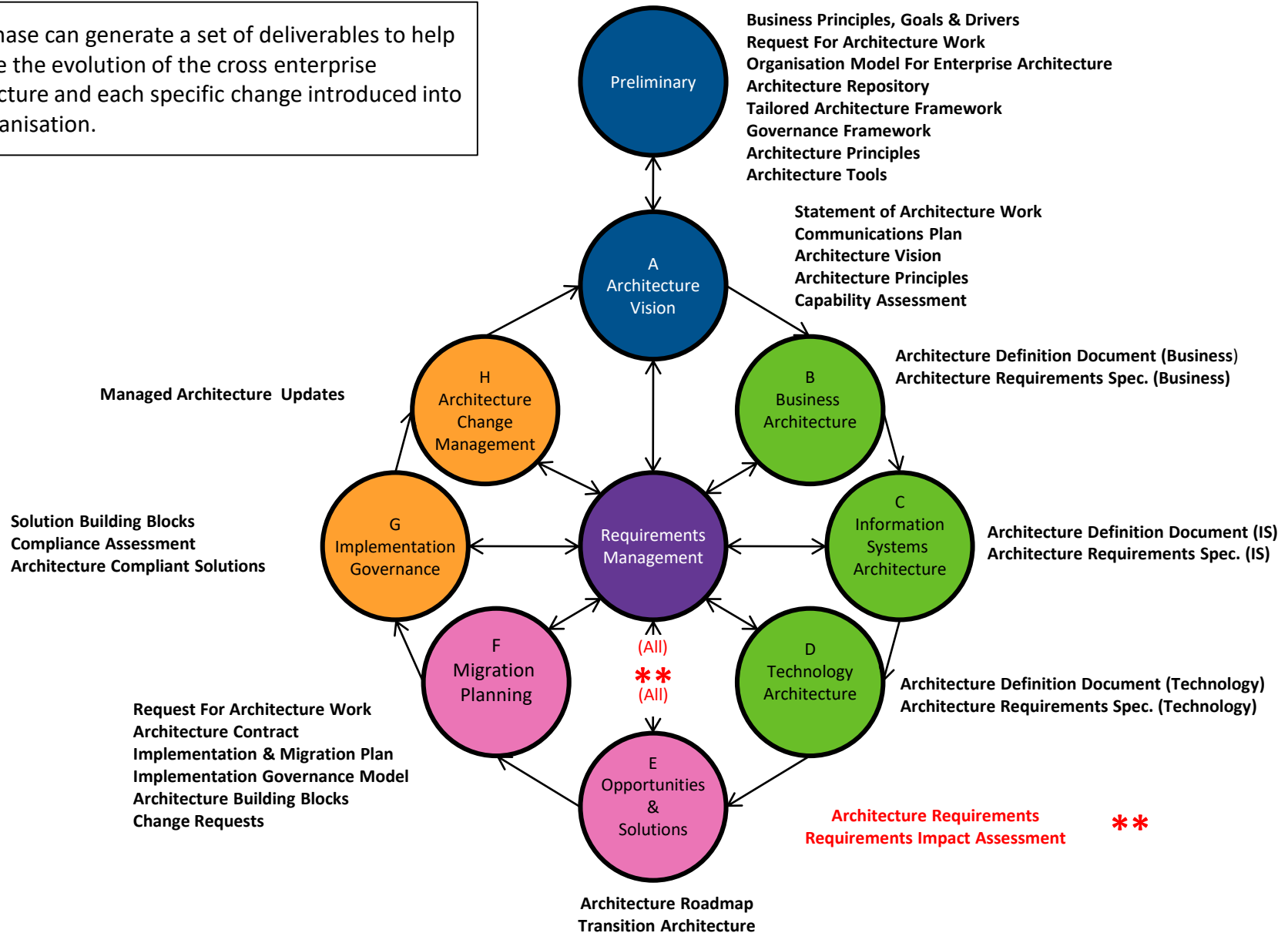
It is developed and maintained by The Open Group Architecture Forum.

The first version of TOGAF, was developed in 1995, and has incorporated elements from most of the other major architecture approaches from across the industry (e.g. TAFIM, Zachman, DODAF, MODAF, FEAF) into an overall consistent framework and development process.



The Architecture Framework Key Document Deliverables

Each phase can generate a set of deliverables to help manage the evolution of the cross enterprise architecture and each specific change introduced into the organisation.



The Extent And Coverage Of TOGAF

- TOGAF 9.1 is some 700 pages of detail including literally hundreds of potential tasks, documents and other deliverables
- This course focuses on the elements that will best:
 - Help you understand and in future start to apply TOGAF
 - Pass the exam/s
- The course exercises will give you a flavour of working on some of the deliverables, enough to pass the exam.
- You will need to review the whole book and look at the detail, but you should be able to pass the exam with the contents of this course, a good knowledge of the shorter guide (around 100 pages) and an appreciation of some of the detail in the main text.
- You are not expected to learn all of TOGAF in detail and you would rarely if ever use all of it in your day to day work.
- However as you tailor and adapt TOGAF for your organisation and define and manage its enterprise architecture you will select and apply the elements that are most relevant and useful for your situation and you will need to develop your skills in the chosen areas.

TOGAF 9 Accreditation

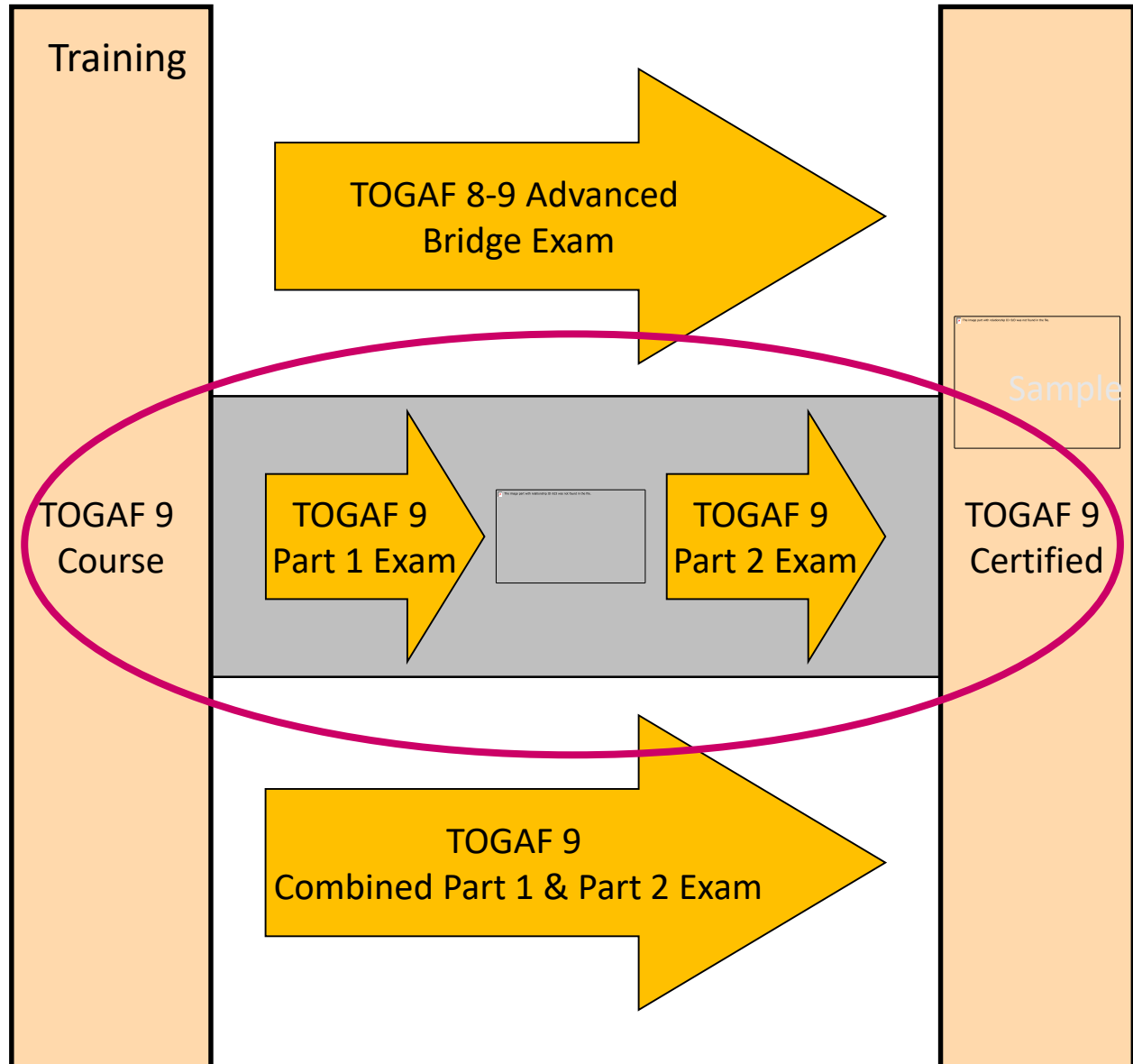
TOGAF 9 accreditation is based on two exams.

Foundation:

The acquisition of knowledge about the terminology and concepts of TOGAF 9 and the core principles of Enterprise Architecture and TOGAF

Certified:

The ability to apply TOGAF in real world architecture activities.



The Open Group & TOGAF Exams

- TOGAF 9 Part 1 - Foundation
 - Focuses on the specific language and concepts of TOGAF
 - Is specific and pedantic
 - 40 multiple choice questions in 60 minutes
 - Pass mark 55%
(this fairly balances the very specific nature of the questions with the development of an overall understanding of TOGAF)
 - Generally considered the more difficult exam
- TOGAF 9 Part 2 – Certified
 - Focuses on the application of the TOGAF approach to specific real world situations
 - Is more open and based on pragmatic decisions
 - 8 scenarios from which you choose the most likely in 90 minutes
 - Marked on a best (score of 5), next best (score of 3) next worst (score of 1) to worst (score of 0) scoring system
 - Pass mark of 60%
 - Generally considered the easier exam

Accessed at <http://www.opengroup.org/architecture/togaf91/downloads.htm>



As an architecture forum non-member:

TOGAF 9.1 online

TOGAF 9.1 PDF version

TOGAF Self Study Pack (\$60)

Accessed at <http://www.opengroup.org/subjectareas/enterprise/togaf/>

The screenshot shows the TOGAF website with the following content:

- THE Open GROUP** logo and navigation links: Home, Login, Sitemap, Search.
- Subject Areas** sidebar with links: Enterprise Architecture, TOGAF, TOGAF Users by Market Sector, TOGAF Worldwide, Showcase, ArchMate, Forums and Work Groups, Professional Certifications, Overview, Cloud Computing, DirectNet, Enterprise Management, FACE, IT4IT, Platforms, Product Lifecycle, Real-time & Embedded Systems, Security, Service-Oriented Architecture, Trusted Technology.
- TOGAF®, an Open Group standard** header.
- TOGAF® - the Enterprise Architecture standard used by the world's leading organizations to improve business efficiency** sub-header.
- TOGAF® is the de facto global standard for Enterprise Architecture. The Open Group Architecture Forum, comprised of more than 200 enterprises, develops and maintains the TOGAF standard and publishes successive versions at regular intervals. See Downloading TOGAF 9.**
- The TOGAF framework enables organizations to effectively address critical business needs by:**
 - Ensuring that everyone speaks the same language
 - Avoiding lock-in to proprietary solutions by standardizing on open methods for Enterprise Architecture
 - Saving time and money, and utilize resources more effectively
 - Achieving demonstrable ROI
- See more information on the latest version of the TOGAF framework.**
- Lists of users of the TOGAF framework by market sector**
- Getting Started**
 - Read the TOGAF standard online
 - Purchase a personal PDF edition of the TOGAF standard
 - White Paper: An Introduction to TOGAF Version 9.1
 - White Paper: World Class EA
 - White Paper: World Class EA: Framework Guidance & TOGAF 9 Example
 - Templates: TOGAF 9 Templates and Examples
 - Learn More: View our online Webinars
 - Learn More: TOGAF Publications
 - Learn More: White Papers
- The Certified TOGAF 9 Practitioner Program**
- The Certified TOGAF Practitioner Program is the most trusted, independent benchmark for validating Enterprise Architecture (EA) knowledge of the TOGAF framework. More**
 - Become a Certified TOGAF Practitioner
 - Examinations
 - Accredited Training Course Register
 - Calendar of Accredited Training Courses
 - The TOGAF Showcase
 - TOGAF Self Study Pack
 - Directory of Certified TOGAF Practitioners
- TOGAF® Standard Courseware V9.1 Edition**
- The following slides are taken from The Open Group TOGAF® Standard Courseware V9.1 Edition course.**
 - Module 1 - Management Overview
 - Module 2 - Components
 - Module 3 - Introduction to the ADM
 - Module 7 - The Architecture Content Metamodel
 - Module F13 - The TOGAF Certification for People program
 - Extra Module - TOGAF 9.1 Changes Overview
 - Extra Module -- Sample Catalogs, Matrices and Diagrams
- For more information, click here**
- Popular Publications**

Documentation	
G116	TOGAF® Version 9.1
G117	TOGAF® Version 9.1 - A Pocket Guide

As an architecture forum member:

Documentation:

TOGAF 9.1 online

TOGAF 9.1 PDF version

TOGAF Version 9.1: A Pocket Guide

TOGAF 9 Templates

White Papers:

Making the Business Case in TOGAF 9

An Introduction to TOGAF® 9.1

TOGAF Version 9 Enterprise Edition: Introduction

TOGAF Version 9 Enterprise Edition: Migration Overview

TOGAF, an Open Group Standard, and Enterprise

Architecture Requirements

Motivation, Principles, and Requirements in TOGAF

Self Study:

TOGAF Self Study Pack (\$60)

The End



If you would like training and/or consulting services to support your enterprise architecture programme please contact:

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