TOGAF
Version 9 Enterprise Edition

TOGAF™ Standard Courseware Version 9 Edition

A modular instructor-led training course for:

- **TOGAF 9 Foundation**
- **TOGAF 9 Certified**
- **TOGAF 9 Foundation to TOGAF 9 Certified Upgrade**
- **TOGAF 9 Certified *Bridge for TOGAF 8 Certified***

V9 Edition, Copyright © January 2009
THE Open GROUP
All rights reserved
Published by The Open Group, January 2009

Introduction

TOGAF is a trademark of The Open Group in the United States and other countries

TOGAF™

About this Course

- **This is a modular course**
- **It can be assembled into many configurations**
- **It can be further customized**
- **It is expected to be tailored to the audience**

TOGAF™

Copyright © 2009, The Open Group

About this Course

- **This modular course can be given in a number of configurations:**
  - **TOGAF 9 Foundation training**
  - **TOGAF 9 Certified training**
  - **TOGAF 9 Foundation to Certified Upgrade training**
  - **TOGAF 8 Certified to TOGAF 9 Certified Upgrade training (via the *bridging* option training)**

Slide 4 of 35

TOGAF™

TOGAF 9 Certification Levels

Level	Tag	Purpose
1	*TOGAF 9 Foundation*	To provide validation that the candidate has gained knowledge of the terminology and basic concepts of TOGAF 9 and understands the core principles of Enterprise Architecture and TOGAF
2	*TOGAF 9 Certified*	To provide validation that in addition to knowledge and comprehension, the candidate is able to analyze and apply knowledge of TOGAF

Slide 5 of 35

TOGAF™

TOGAF 9 Foundation Training

- The target audience for TOGAF 9 Foundation (Level 1) training includes but is not limited to:
  - Individuals who require a basic understanding of TOGAF 9
  - Professionals who are working in roles associated with an architecture project such as those responsible for planning, execution, development, delivery and operation;
  - Architects who are looking for a first introduction to TOGAF 9
  - Architects who want to achieve Level 2 certification in a stepwise approach.

Slide 6 of 35

TOGAF™

Copyright © 2009, The Open Group

TOGAF 9 Certified Training

- The target audience for TOGAF 9 Certified (Level 2) training includes but is not limited to:
  - Individuals who require a deeper understanding of TOGAF 9
  - Professionals who are working in an organization where TOGAF 9 has been adopted and who need to participate in architecture projects and initiatives
  - Architects who will be responsible for developing architecture artifacts
  - Architects who wish to introduce TOGAF 9 into an architecture practice
  - Architects who want to achieve a recognized qualification to demonstrate their detailed knowledge of TOGAF 9

Slide 7 of 35

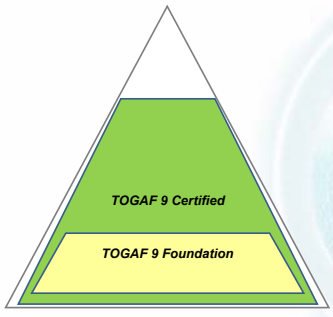
TOGAF™

TOGAF 9 Certified (*Bridging option*) Training

- A prerequisite is past certification to TOGAF 8 Certified
- The target audience for TOGAF 9 Certified via the *Bridging Option* training includes :
  - The same audience as per TOGAF 9 Certified, with the addition of those wishing to upgrade their Certification

Slide 8 of 35

TOGAF™



Level 2 is a superset of Level 1

Slide 9 of 35

TOGAF™

Copyright © 2009, The Open Group

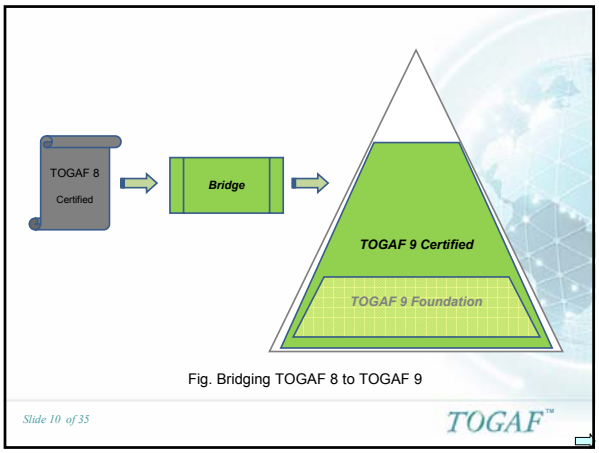
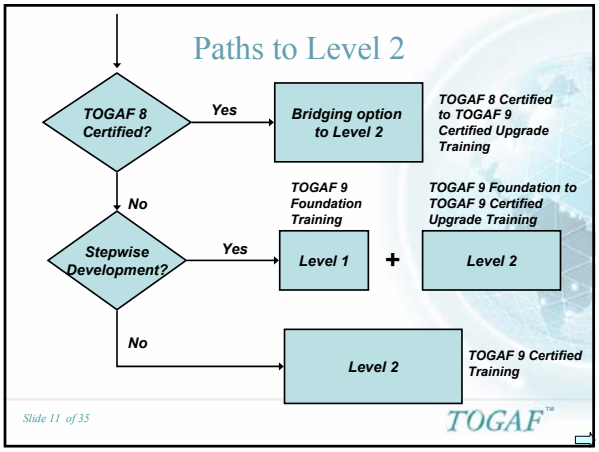


Fig. Bridging TOGAF 8 to TOGAF 9

Slide 10 of 35

TOGAF™



Slide 11 of 35

TOGAF™

About this Course

Prerequisite knowledge:

- A prior knowledge of Enterprise Architecture is advantageous but not required
- During the course students will become familiar with the *TOGAF Version 9 Enterprise Edition* body of knowledge at: http://www.opengroup.org/architecture/togaf9-doc/arch/

Note: Certification is separate to training and achieved by passing an examination

Slide 12 of 35

TOGAF™

Copyright © 2009, The Open Group

Course Objectives

- To instruct students in the basic concepts of enterprise architecture and TOGAF 9.
- To familiarize students with the features of TOGAF and its methodology.
- To enable students to take best advantage of how to use TOGAF in their work.
- To gain an understanding of the necessary body of knowledge to achieve certification by examination for TOGAF 9 at Level 1 (TOGAF 9 Foundation) or Level 2 (TOGAF 9 Certified).

Slide 13 of 35

TOGAF™

Course Objectives

- **TOGAF 9 Foundation training**
  - Individuals who require a basic understanding of TOGAF 9
  - Professionals who are working in roles associated with an architecture project such as those responsible for planning, execution, development, delivery and operation;
  - Architects who are looking for a first introduction to TOGAF 9
  - Architects who want to achieve Level 2 certification in a stepwise approach.
- **TOGAF 9 Certified training**
  - Individuals who require a deeper understanding of TOGAF 9
  - Professionals who are working in an organization where TOGAF 9 has been adopted and who need to participate in architecture projects and initiatives
  - Architects who will be responsible for developing architecture artifacts
  - Architects who wish to introduce TOGAF 9 into an architecture practice
  - Architects who want to achieve a recognized qualification to demonstrate their detailed knowledge of TOGAF 9

Slide 14 of 35

TOGAF™

TOGAF 9 Foundation Training
Recommended Modules

TOGAF™

Copyright © 2009, The Open Group

TOGAF 9 Foundation Course Content

- Course Introduction
- Management Overview
- The TOGAF 9 Components
- An Introduction to the Architecture Development Method
- The Enterprise Continuum
- The Architecture Repository
- Architecture Governance
- Architecture Views and Viewpoints
- Building Blocks and the ADM
- The ADM Phases
- ADM Guidelines and Techniques
- Key ADM Deliverables
- TOGAF Reference Models
- TOGAF Certification Program

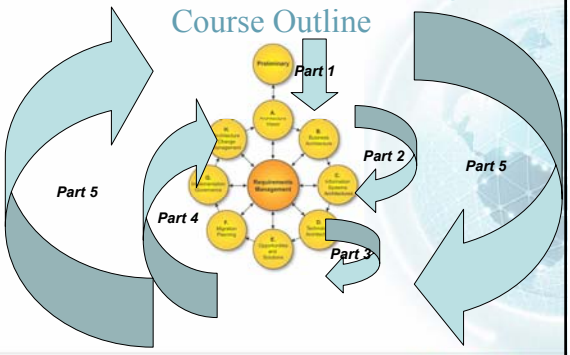
Slide 16 of 35

TOGAF™

TOGAF 9 Certified Training
Recommended Modules

TOGAF™

TOGAF 9 Certified Training Course Outline



Slide 18 of 35

TOGAF™

Copyright © 2009, The Open Group

TOGAF 9 Certified Course Content – Part 1

- Course Introduction
- Management Overview
- The TOGAF 9 Components
- An Introduction to the Architecture Development Method
- The Enterprise Continuum
- The Architecture Repository
- The Architecture Content Framework
- The Architecture Content Metamodel
- The Preliminary Phase
- Architecture Governance

Slide 19 of 35

TOGAF™

Course Content – Part 2

- Business Scenarios
- Stakeholder Management
- Architecture Views and Viewpoints
- Building Blocks and the ADM
- Architecture Implementation Support Techniques
- Phase A: Architecture Vision
- Phase B: Business Architecture
- Phase B: Business Architecture – Catalogs, Diagrams and Matrices
- Phase C: Information Systems Architectures

Slide 20 of 35

TOGAF™

Course Content – Part 3

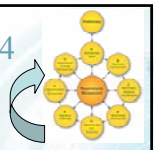
- Phase C: Data Architecture
- Phase C: Data Architecture – Catalogs, Matrices and Diagrams
- The Integrated Information Infrastructure Reference Model
- Phase C: Applications Architecture
- Phase C: Applications Architecture – Catalogs, Matrices and Diagrams
- Foundation Architecture
- Phase D: Technology Architecture
- Phase D: Technology Architecture – Catalogs, Matrices and Diagrams

Slide 21 of 35

TOGAF™

Copyright © 2009, The Open Group

Course Content – Part 4

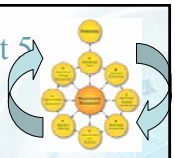


- Migration Planning Techniques
- Phase E: Opportunities and Solutions
- Phase F: Migration Planning
- Phase G: Implementation Governance
- Phase H: Architecture Change Management
- ADM Requirements Management

Slide 22 of 35

TOGAF™

Course Content – Part 5



- Architecture Partitioning
- Guidelines for Adapting the ADM: Iteration and Levels
- Guidelines for Adapting the ADM: Security
- Guidelines for Adapting the ADM: SOA
- Architecture Maturity Models
- Architecture Skills Framework

Slide 23 of 35

TOGAF™

TOGAF 9 Foundation to TOGAF 9 Certified Upgrade Training

Recommended Modules

TOGAF™

Copyright © 2009, The Open Group

TOGAF 9 Foundation to TOGAF 9 Certified Upgrade

- Course Introduction
- The Architecture Repository
- The Architecture Content Framework
- The Architecture Content Metamodel
- The Preliminary Phase
- Business Scenarios
- Stakeholder Management
- Architecture Implementation Support Techniques
- Phase A: Architecture Vision
- Phase B: Business Architecture
- Phase B: Business Architecture – Catalogs, Diagrams and Matrices
- Phase C: Information Systems Architectures
- Phase C: Data Architecture
- Phase C: Data Architecture – Catalogs, Matrices and Diagrams

Slide 25 of 35

TOGAF™

TOGAF 9 Foundation to TOGAF 9 Certified Upgrade (Cont'd)

- The Integrated Information Infrastructure Reference Model
- Phase C: Applications Architecture
- Phase C: Applications Architecture – Catalogs, Matrices and Diagrams
- Foundation Architecture
- Phase D: Technology Architecture
- Phase D: Technology Architecture – Catalogs, Matrices and Diagrams
- Migration Planning Techniques
- Phase E: Opportunities and Solutions
- Phase F: Migration Planning
- Phase G: Implementation Governance
- Phase H: Architecture Change Management
- ADM Requirements Management

Slide 26 of 35

TOGAF™

TOGAF 9 Foundation to TOGAF 9 Certified Upgrade (Cont'd)

- Architecture Partitioning
- Guidelines for Adapting the ADM: Iteration and Levels
- Guidelines for Adapting the ADM: Security
- Guidelines for Adapting the ADM: SOA
- Architecture Maturity Models
- Architecture Skills Framework

Slide 27 of 35

TOGAF™

Copyright © 2009, The Open Group

TOGAF 8 Certified to TOGAF 9 Certified Upgrade Training *Recommended Modules*

TOGAF™

TOGAF 8 Certified to TOGAF 9 Certified Upgrade

- Course Introduction
- An Introduction to TOGAF 9 for those familiar with TOGAF 8
- TOGAF 8 to 9 Migration
- ADM Migration Overview
- The Architecture Repository
- The Architecture Content Framework
- The Architecture Content Metamodel
- Stakeholder Management
- Architecture Implementation Support Techniques
- Phase B: Business Architecture – Catalogs, Diagrams and Matrices
- Phase C: Data Architecture – Catalogs, Matrices and Diagrams
- Phase C: Applications Architecture – Catalogs, Matrices and Diagrams
- Phase D: Technology Architecture – Catalogs, Matrices and Diagrams
- The Integrated Information Infrastructure Reference Model

Slide 29 of 35

TOGAF™

TOGAF 8 Certified to TOGAF 9 Certified Upgrade (Cont'd)

- Migration Planning Techniques
- Phase E: Opportunities and Solutions
- Phase F: Migration Planning
- Architecture Partitioning
- Guidelines for Adapting the ADM: Iteration and Levels
- Guidelines for Adapting the ADM: Security
- Guidelines for Adapting the ADM: SOA
- Architecture Maturity Models
- Architecture Skills Framework

Slide 30 of 35

TOGAF™

Copyright © 2009, The Open Group

Conventions Used in this Presentation

- **Ellipsis** (…)
  used to indicate a **continuation**; such as an **incomplete list** of example items …or a **continuation** from **preceding text**
- **Bold**
  - used **for emphasis!**
  - used to highlight a **subheading**

Slide 31 of 35

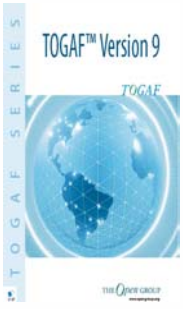
TOGAF™

TOGAF
Version 9 Enterprise Edition

Recommended Reading

THE Open GROUP

TOGAF Version 9



- TOGAF Version 9, "The Book"
  - Document No. G091
  - ISBN: 978-90-8753-2307
  - www.opengroup.org
  - www.vanharen.net

Slide 33 of 35

TOGAF™

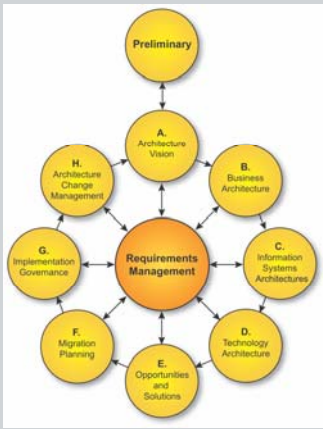
Copyright © 2009, The Open Group

TOGAF Version 9 Pocket Guide

- TOGAF Version 9, The Pocket Guide
  - Document No. G092
  - ISBN: 978-90-8753-232-1
  - www.opengroup.org
  - www.vanharen.net

Slide 34 of 35

TOGAF™



Introduction

TOGAF is a trademark of The Open Group in the United States and other countries

TOGAF™