

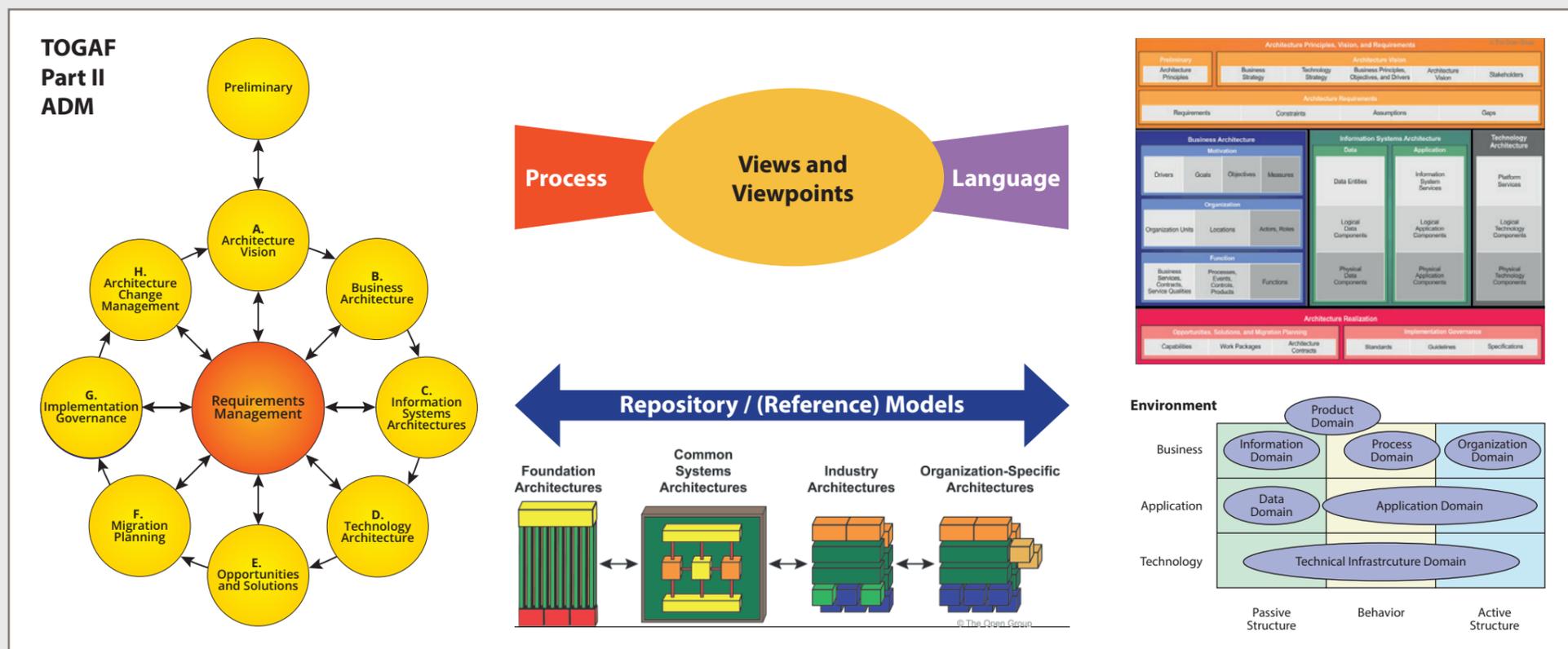
TOGAF® Poster Series #44

TOGAF and ArchiMate



by Roger Evernden

TOGAF and ArchiMate are both open standards for Enterprise Architecture that are managed by The Open Group. TOGAF is probably the world's leading EA method, while ArchiMate provides guidelines for modelling enterprise architectures. This poster explains how TOGAF and ArchiMate can be used together.



TOGAF Part II provides a process or way-of-working (the ADM) for creating architectures; it is accompanied by guidelines, techniques, and best practices (Part III)

TOGAF follows the ISO/IEC 42010 standard – which defines the constructs concerns, views, and viewpoints

TOGAF Part IV describes the content of EA, in terms of a Content Framework and Metamodel

ArchiMate is a language for describing architectures; it defines concepts and relationships, and also provides a notation

TOGAF Part V describes the concept of a virtual architecture repository, containing predefined architectural artifacts and (reference) models (TOGAF provides two reference models in Part VI)

The TOGAF Architecture Content Framework identifies the main types of architecture building blocks. ArchiMate offers precisely defined concepts and graphical notation to represent many of these building blocks (primarily those in Phases B, C, and D of the TOGAF ADM)

TOGAF

Ability to stress the importance of stakeholder concerns for each EA development phase: creation, change, and governance

But TOGAF doesn't describe how an architect should address these concerns

TOGAF offers an "open interface" for the declaration of such a "concern"

The specification of a concern is open to any suitable modelling language capable of capturing such concerns, which is compliant with the ISO/IEC 42010 standard

ArchiMate

A modelling standard

Follows the definitions and relationships for "concern", "viewpoint", and "view" in the ISO/IEC 42010 standard for architecture description

Can define stakeholder concerns in viewpoints

With corresponding views to show aspects of the architecture that conform to defined viewpoints

NOTE



The mapping between TOGAF and ArchiMate is not complete or perfect! However, it is a good start, and it is likely to be improved in future releases

Any architectural model should be clear and consistent, and use well-defined graphical notation and colour schemes

ArchiMate is not going to suit all stakeholders: you may need to show the same model using a different diagramming approach

