TOGAF® Poster Series #81
TOGAF Simplified Part 6: Reference Models

In this poster we summarise the key points from Part V of the TOGAF documentation. It is part of a series, TOGAF Simplified, that gives you a short, quick reminder of each section of the TOGAF documentation.

THERE ARE ONLY 2 CHAPTERS IN PART VI
PART VI OF THE TOGAF DOCUMENTATION DESCRIBES TWO REFERENCE MODELS IN DETAIL

CHAPTER 43 describes the Foundation Architecture: Technical Reference Model – abbreviated as the TRM

While CHAPTER 44 describes the Integrated Information Infrastructure Reference Model – which is an example of a Common Systems Architecture in the Architecture Continuum.

ENTERPRISE CONTINUUM
It is important to note that the two reference models are examples of the Foundation Architecture and Common Systems Architecture, as described in the Enterprise Continuum.

As such, the concepts and structures described in the TRM form the foundation for the more detailed descriptions of the III-RM.

The detailed descriptions of each model cover the key concepts, graphical representations, and detailed taxonomies.

A taxonomy defines terminology, and provides a coherent description of the components and conceptual structure. The associated graphics provide a visual representation of the taxonomy, as an aid to understanding

TECHNICAL REFERENCE MODEL (TRM)
The major components and layers of the TRM are shown in Figure 43-1, which seek to emphasize two common architectural objectives - Application Portability, via the Application Platform Interface, and Interoperability, via the Communications Infrastructure Interface.

Figure 43-2 expands on this, presenting the service categories of the Application Platform and the two categories of Application Software – Infrastructure and Business.

In addition, there is a set of attributes or qualities that are applicable across the components. These are depicted in the backplane of Figure 43-2.

Section 43.4 Application Platform – Taxonomy describes the Application Platform taxonomy, including basic principles and a summary of services and qualities. A detailed taxonomy of platform services and qualities can be found in Section 43.5 Detailed Platform Taxonomy.

INTEGRATED INFORMATION INFRASTRUCTURE REFERENCE MODEL (III-RM)
The III-RM supports the Need for Boundaryless Information Flow (described in Section 44.1.4 Key Business and Technical Drivers).

The III-RM is derived from the TRM - Figure 44-3 shows two views TRM are presented – on the left is a "side" view showing content by layer; on the right is a top-down view. It shows the subset of the TRM that comprises the III-RM; parts that are not relevant to the III-RM are "greyed out".

Figure 44-5 depicts the detailed III-RM.

Section 44.3 Detailed Taxonomy provides a detailed taxonomy of the III-RM, including detailed graphic, platform service categories, and external environment sub-entities.

For a more detailed description of these two Reference Models, see our earlier posters: Poster 13 covers the Technical Reference Model, and Poster 19 covers the Integrated Information Infrastructure Reference Model.