



POPKIN
S O F T W A R E

System Architect

FSA-EAF

Introduction

WORLD CLASS TRAINING

Popkin Software

Popkin Software & Systems, Inc is corporately headquartered in New York City with its European headquarters in Royal Leamington Spa, UK.

With more than 90,000 users in 8,000 sites, Popkin Software has the largest installed base of any repository based modeling tool.

We specialize in software development, methods and CASE providing not only product support but also a range of training and consulting in Business Process, Data, Component, Object Oriented (OO) and Structured Methods.

Strategy

The System Architect toolset strategy for the future is component-CASE (C-CASE) in an open environment.

Popkin will tailor a C-CASE environment around industry standard packages and the System Architect toolset - which reflects the requirements of each individual client. Requirements may include project management, configuration and version control, project planning, metrics and code generation.

As System Architect is available under MS-Windows and OS/2 presentation manager, it can be readily integrated into a bespoke development support system, without the inherent dependency involved with the traditional and tightly coupled Integrated-CASE (I-CASE) approach.

Aims

Our aim is to provide comprehensive support for CASE and methods users. Our products are geared towards developers of Client/Server systems for a wide variety of applications and market areas. These include financial, banking, insurance, government, automotive, manufacturing, aerospace, chemical, electronics and software houses.

Interfaces

Popkin Software has the ability to offer customized interfaces to and from System Architect and other environments. Interfaces can be created by ourselves or they are offered by other third party vendors such as GUPTA, Magic, Dynasty and Software One.

Please contact the Popkin Software Sales Office on 1 (212) 571-3434 for details of availability.

Visit our websites

www.popkin.com

www.government.popkin.com

System Architect Overview

Methodologies	System Architect supports a wide range of Modeling Techniques;
Enterprise Modeling	Catalyst
Business Process Re-engineering	IDEF0 Function Modeling. IDEF3 Process Flows
Structured Systems Analysis & Design	Gane & Sarson, Ward/Mellor, Yourdon/DeMarco, SSADM
Data Modeling	Entity Relation Models, Physical Data Models, IDEF1X
Object Oriented Analysis & Design	UML, OMT, Coad/Yourdon, Booch 94, Shlaer/Mellor.
Frameworks	Zachman, DoDaf (C4ISR), TEAF, FEAF



Databases With Reverse Data Engineering into, and Schema Generation out of, Physical Data Models.

AS400	ORACLE	SYBASE10
dBASE	OS/2	SQL Anywhere
DB2	Paradox	Teradata
INFORMIX	Progress	WATCOM
Ingres	Rdb	XDB
InterBase	SQLBase	
Microsoft Access	SQL Server	

Languages Generation support for languages from Object Oriented diagrams;
 With Reverse Code Engineer options for C++ and Java, and Class
 synchronization with Visual Basic.

C++ Delphi Visual Basic
 CORBA Java

Documentation Documentation links to products such as **Microsoft Word & Excel**

The Federal Student Aid Framework

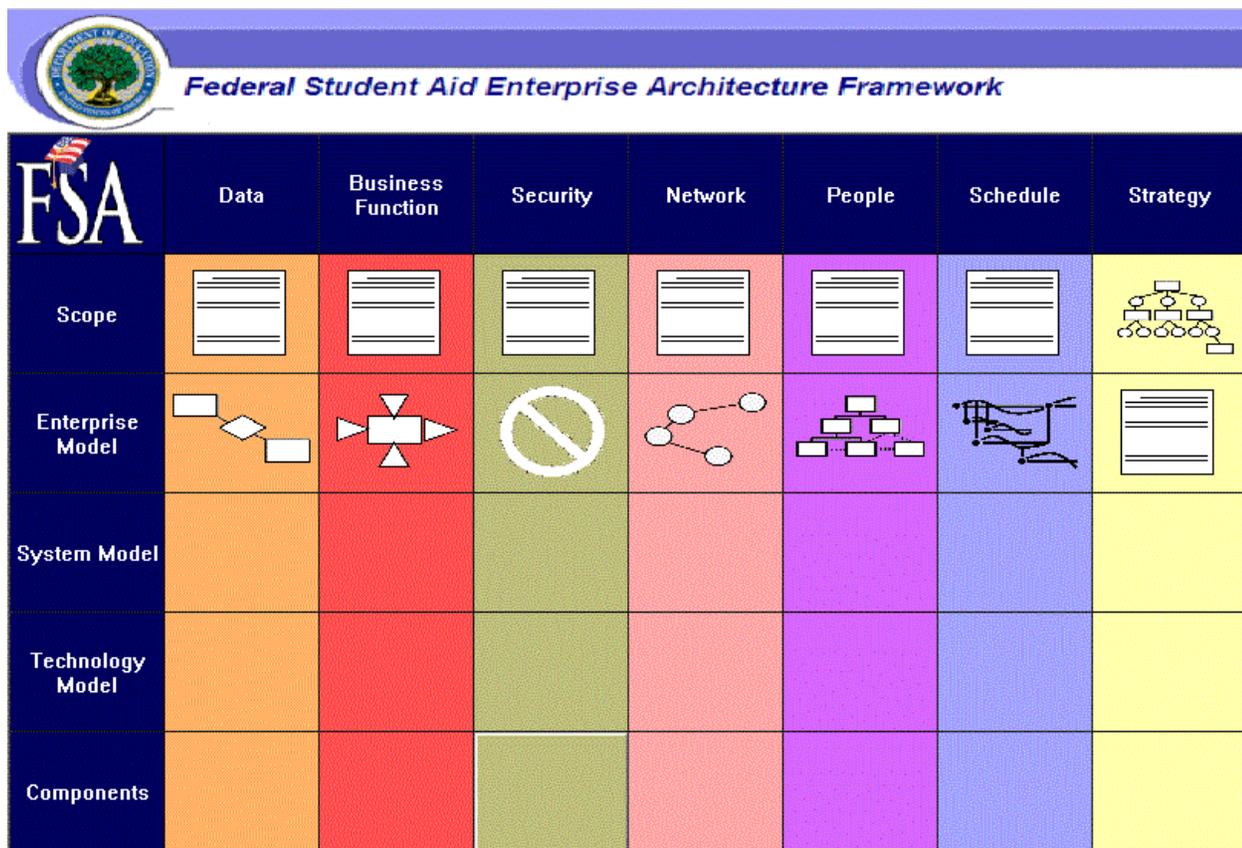


Figure 1 FSA Enterprise Architecture Framework (FSA-EAF)

*The scope of the FSA Enterprise Architecture initiative is currently within the first two rows of the framework only (**Scope & Enterprise Model**).*