

سرویس‌نامه ایش کاربردی

معماری سازمانی در ایران

(سازماندهی، روکردها و تایم)



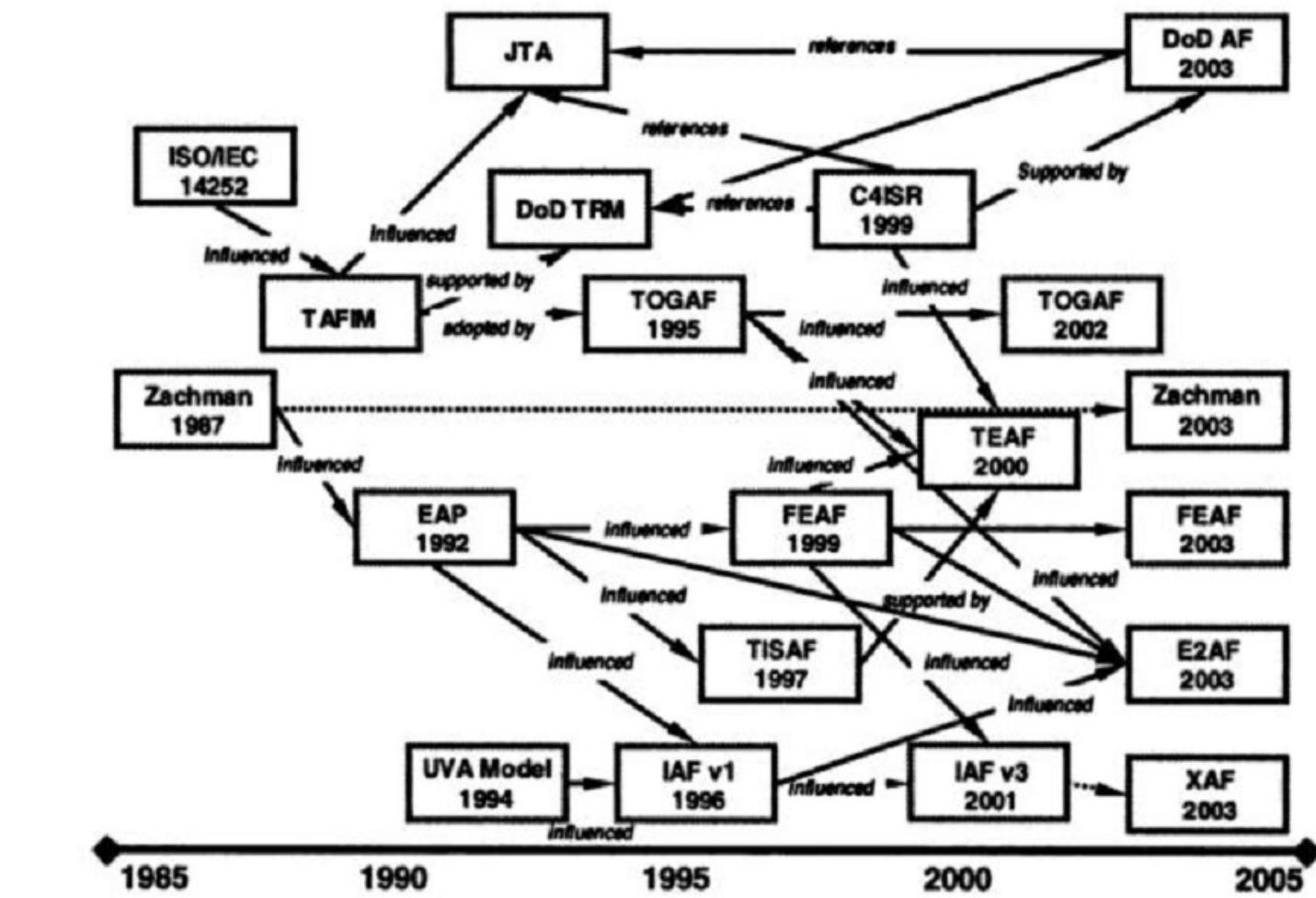
روندهای نو در مدیریت معماری سازمانی

رضا کرمی
شرکت مهندسی نرم‌افزاری گلستان

اصفهان - ۳ خرداد ۱۳۹۱



چارچوبهای معماری سازمانی





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Hybrid enterprise architecture frameworks are in the majority

March 22, 2012 By Mark Blowers

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Ovum's 2012 Business Trends: Enterprise Architecture Frameworks

enterprise architecture framework will provide a developed a hybrid framework, with 36% indicating importantly, a framework should not be prescriptive enterprise, retaining relevance for all stakeholders. It would also appear from the study the widespread adoption within the overall population.

Hybrid frameworks are in the majority

The study found that 66% of organizations had developed respondents making use of two or more frameworks. The architecture, and several frameworks have been developed there has been little in the way of "natural selection" the organizations are often unsure about where to look for have been developed with particular audiences in mind, region-specific. In many instances organizations have developed frameworks.

Architecture frameworks offer a blueprint for the definition and development enabling collaboration between disparate individuals and groups within an organization. Frameworks need not provide a common language for communication and collaboration.

<http://ovum.com/2012/03/22/hybrid-enterprise-architecture-frameworks-are-in-the-majority/>

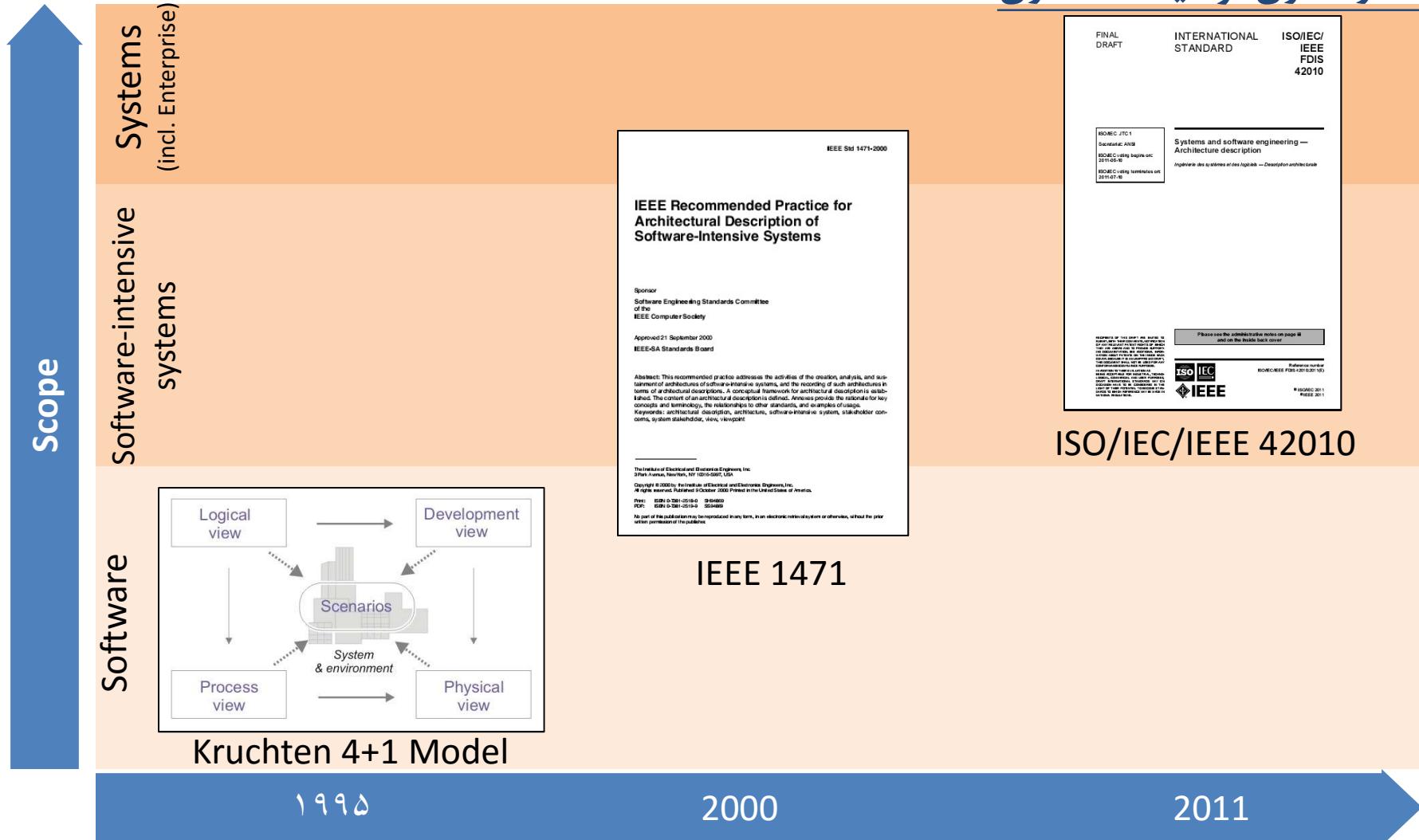
تغییر الگوی استفاده از چارچوبهای معماری سازمانی

یافته‌های کلیدی:

- ✓ ۶۶٪ سازمان‌ها از چارچوب‌های ویژه‌سازی شده استفاده می‌کنند.
- ✓ ۳۶٪ سازمان‌ها از دو یا چند چارچوب به‌عنوان پایه برای چارچوب خود استفاده می‌کنند.
- ✓ چارچوب‌های مطرح عمدتاً به‌عنوان راهنمایی برای توسعه چارچوب اختصاصی سازمان‌ها مورد استفاده قرار می‌گیرد.
- ✓ سه چارچوب اول از نظر رایج بودن:
 - TOGAF
 - PEAF
 - Essential Project
- ✓ چارچوب‌های Zachman ، FEAFF ، DoDAF و ... در ردیفهای بعدی هستند.

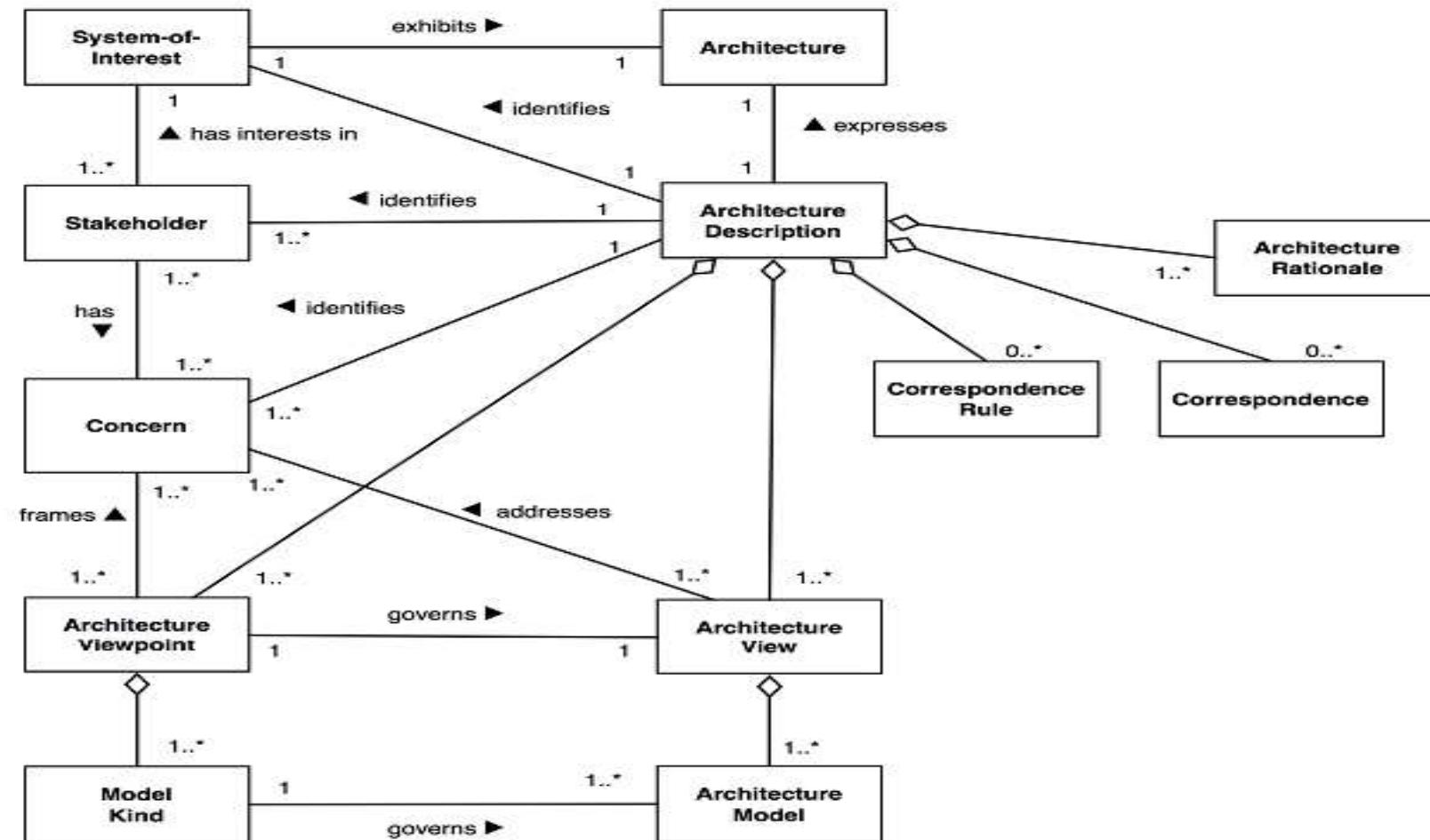


استانداردسازی توصیفات معماري



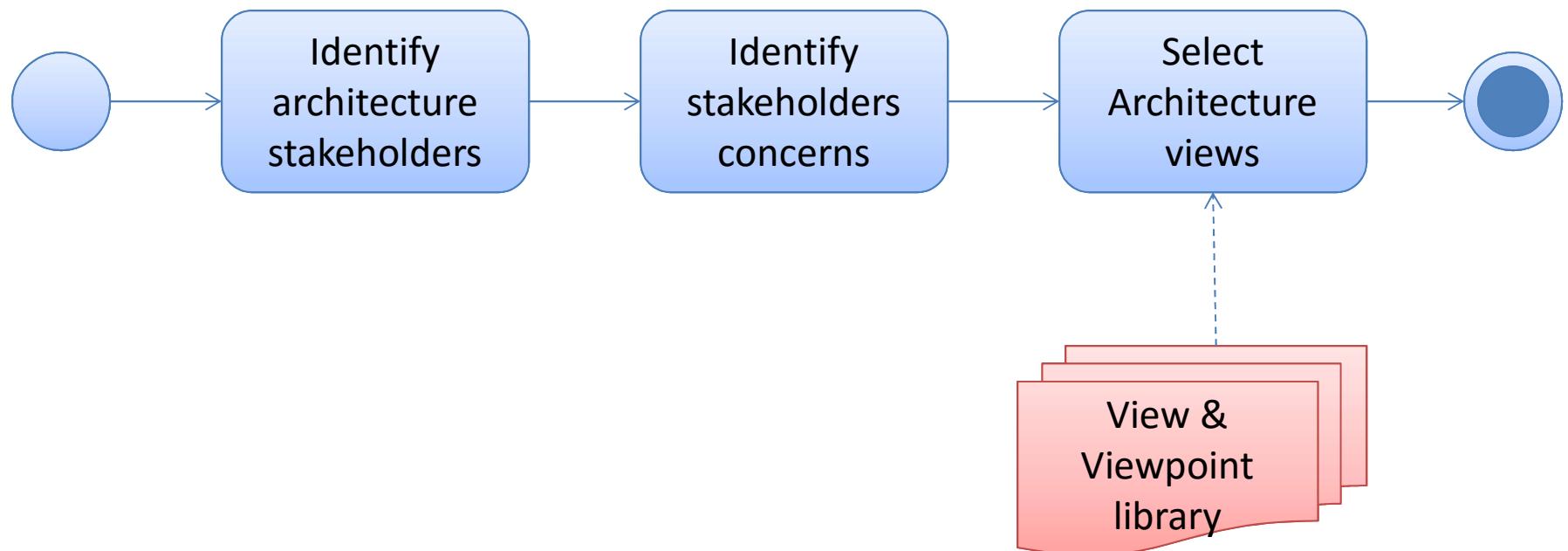


استانداردسازی توصیفات معماری





مسیر انتخاب دیدهای معماری مطابق IEEE 1471





الگوهای مدیریت معماری (پروژه SEBIS)

The image shows the front cover of a catalog titled "Enterprise Architecture Management Pattern Catalog" from the Software Engineering for Business Information Systems (sebis) group at the Technical University of Munich (TUM). The cover features the TUM logo, the sebis logo, and a photograph of a modern glass and steel building. The text on the cover includes "Enterprise Architecture Management Pattern Catalog", "Release 1.0 February 2008", and the institutional details at the bottom.

TUM TECHNISCHE UNIVERSITÄT MÜNCHEN

sebis

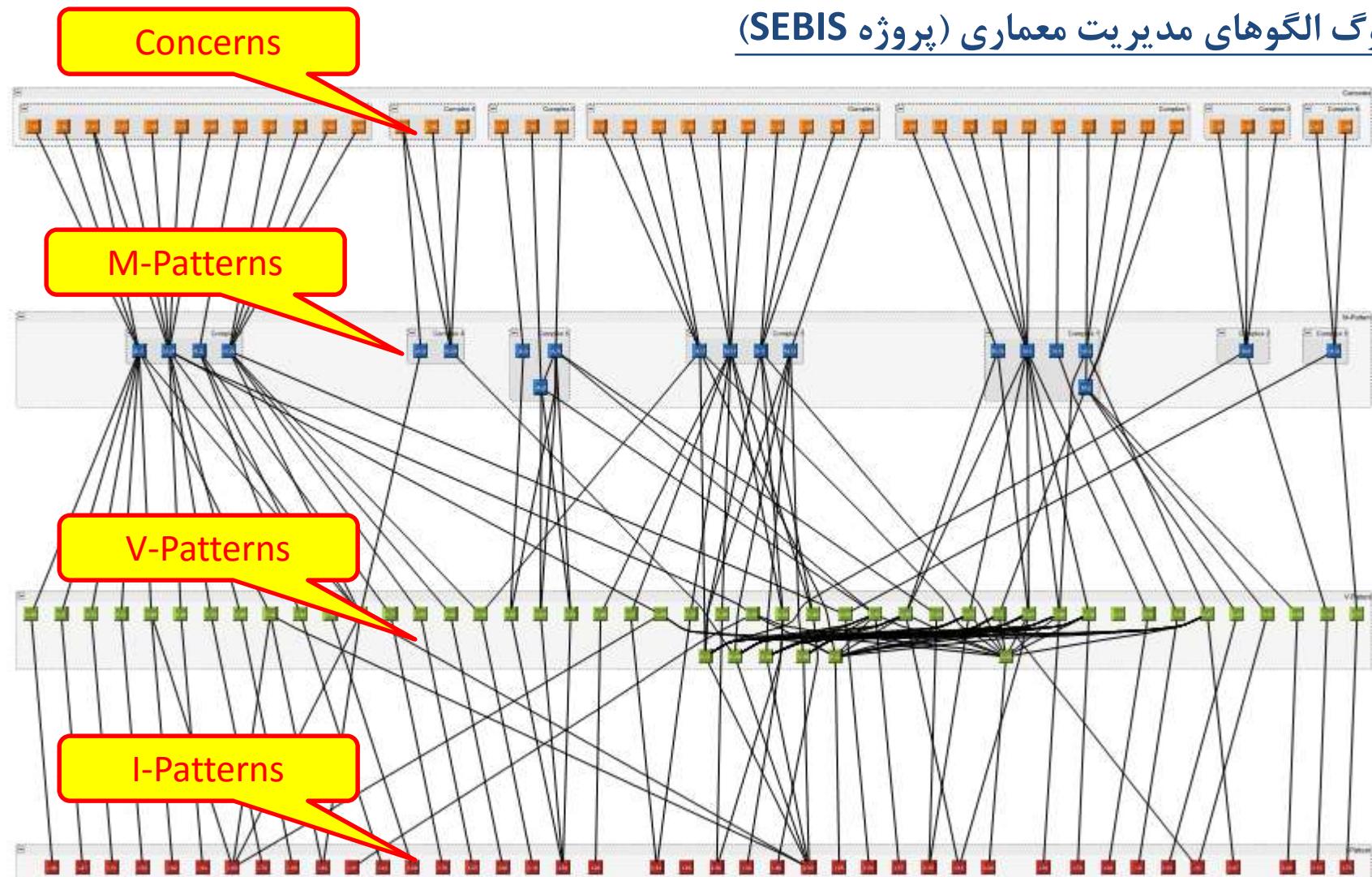
Enterprise Architecture Management Pattern Catalog

Release 1.0
February 2008

Software Engineering for Business Information Systems (sebis)
Ernst Denert-Stiftungslehrstuhl
Chair for Informatics 19
Technische Universität München



کاتالوگ الگوهای مدیریت معماری (پروژه SEBIS)





کاتالوگ الگوهای مدیریت معماری (پروژه SEBIS)

Technology Homogeneity	C-2	C-4	C-5	C-8	C-9	C-19
	C-46	C-50	C-100	C-101		
Business Processes	C-54					
Application Landscape Planning	C-33					
	C-86					
Support of Business Processes	C-78					
Project Portfolio Management	C-29	C-30	C-92			
Infrastructure Management	C-41					
Interface, Business Object, and Service Management	C-51					
	C-66					

C-2: Where are architectural blueprints or architectural standards used, and are there areas where those standards are breached?

C-78: To which extent are the business processes supported by business applications? Which business processes are supported manually? Can the automated support be extended?



5.6 Viewpoint V-18

V-Pattern Overview

Id V-18

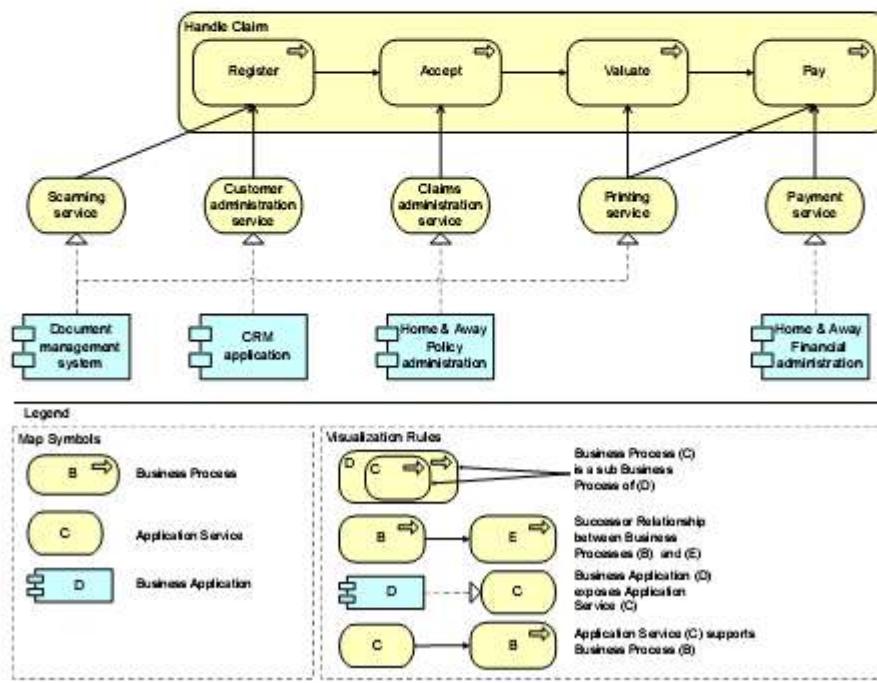
Name Service-based Business Process Support Map

Alias

Summary This V-Pattern visualizes how business processes are supported by services provided by business applications.

Version 1.0

5.6.1 Solution Section



کاتالوگ الگوهای مدیریت معماری (پروژه SEBIS)



چند کاتالوگ نماهای معماری دیگر



TOGAF 9 Core content meta-model



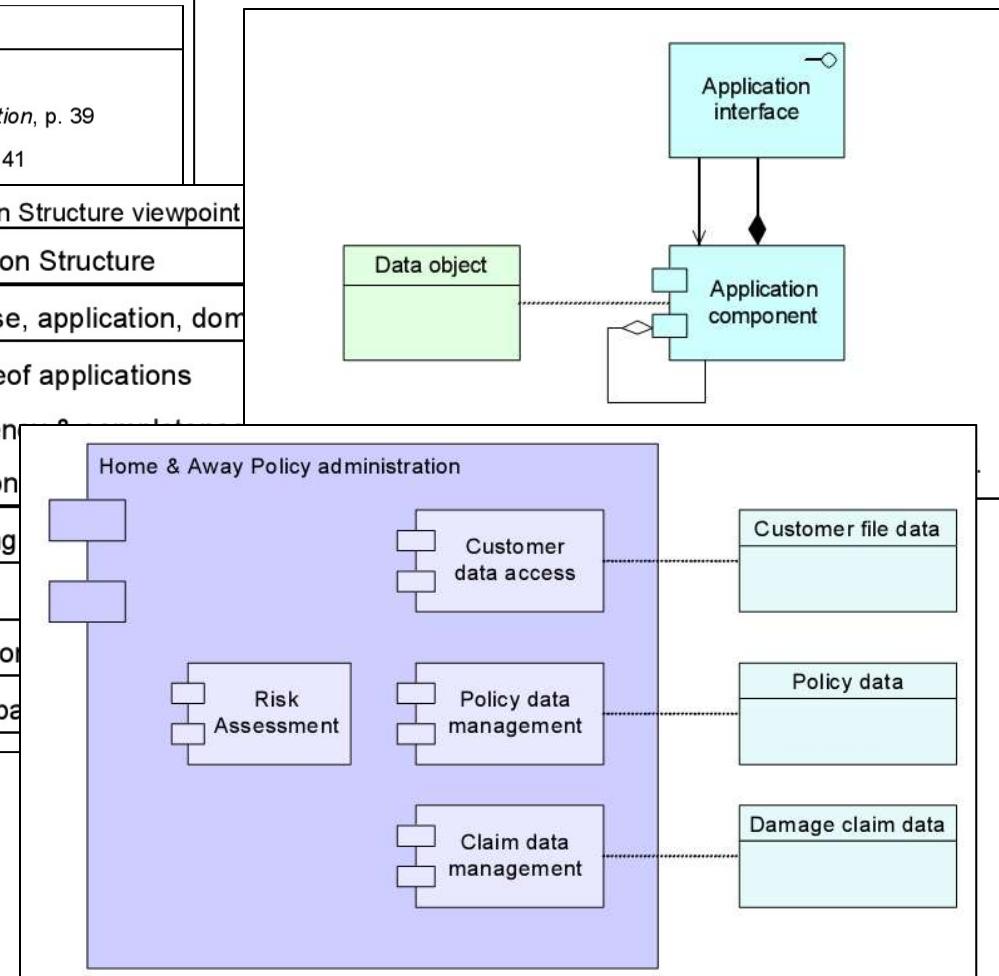
چند کاتالوگ نماهای معماری دیگر

Table 3. Design viewpoints.

COMPOSITION	COOPERATION
<i>Organisation (active)</i> : p. 22	<i>Actor Cooperation</i> , p. 36
<i>Business Function (behaviour)</i> , p. 24	<i>Business Process Cooperation</i> , p. 39
<i>Business Process (behaviour)</i> , p. 26	<i>Application Cooperation</i> , p. 41
<i>Information Structure (passive)</i> ,	
<i>Application Structure (active)</i> , p.	
<i>Application Behaviour (behaviour)</i>	
<i>Infrastructure (active)</i> , p. 34	
SUPPORT	
<i>Product</i> , p. 44	
<i>Application Usage</i> , p. 46	
<i>Infrastructure Usage</i> , p. 48	

Table 8. Application Structure viewpoint

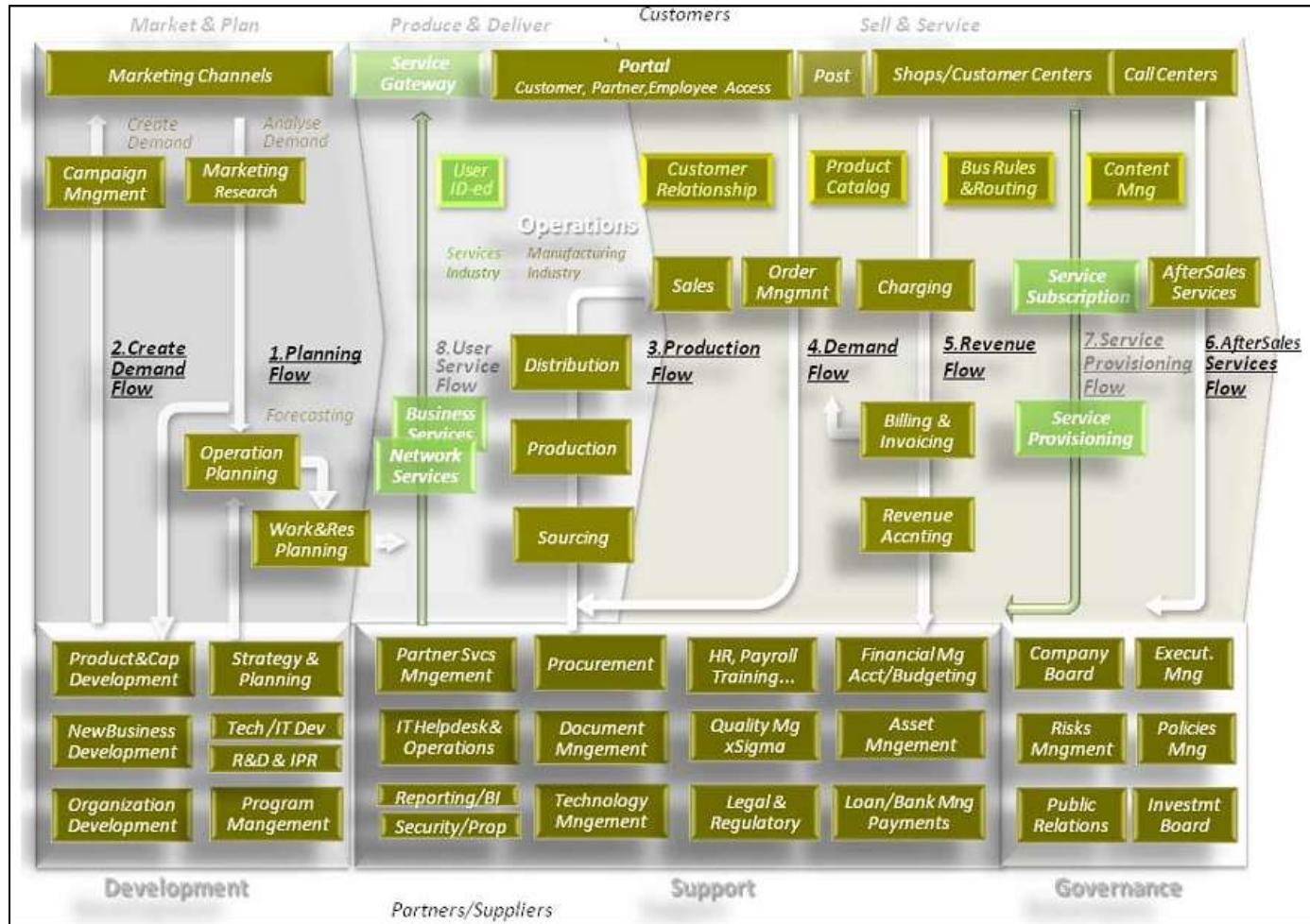
VIEWPOINT NAME	Application Structure
STAKEHOLDERS	Enterprise, application, domain
CONCERN	Structure of applications
PURPOSE	Consistency, reduction
ABSTRACTION LEVEL	Designing
LAYERS	Details
ASPECTS	Application



ArchiMate®
Viewpoint Catalog



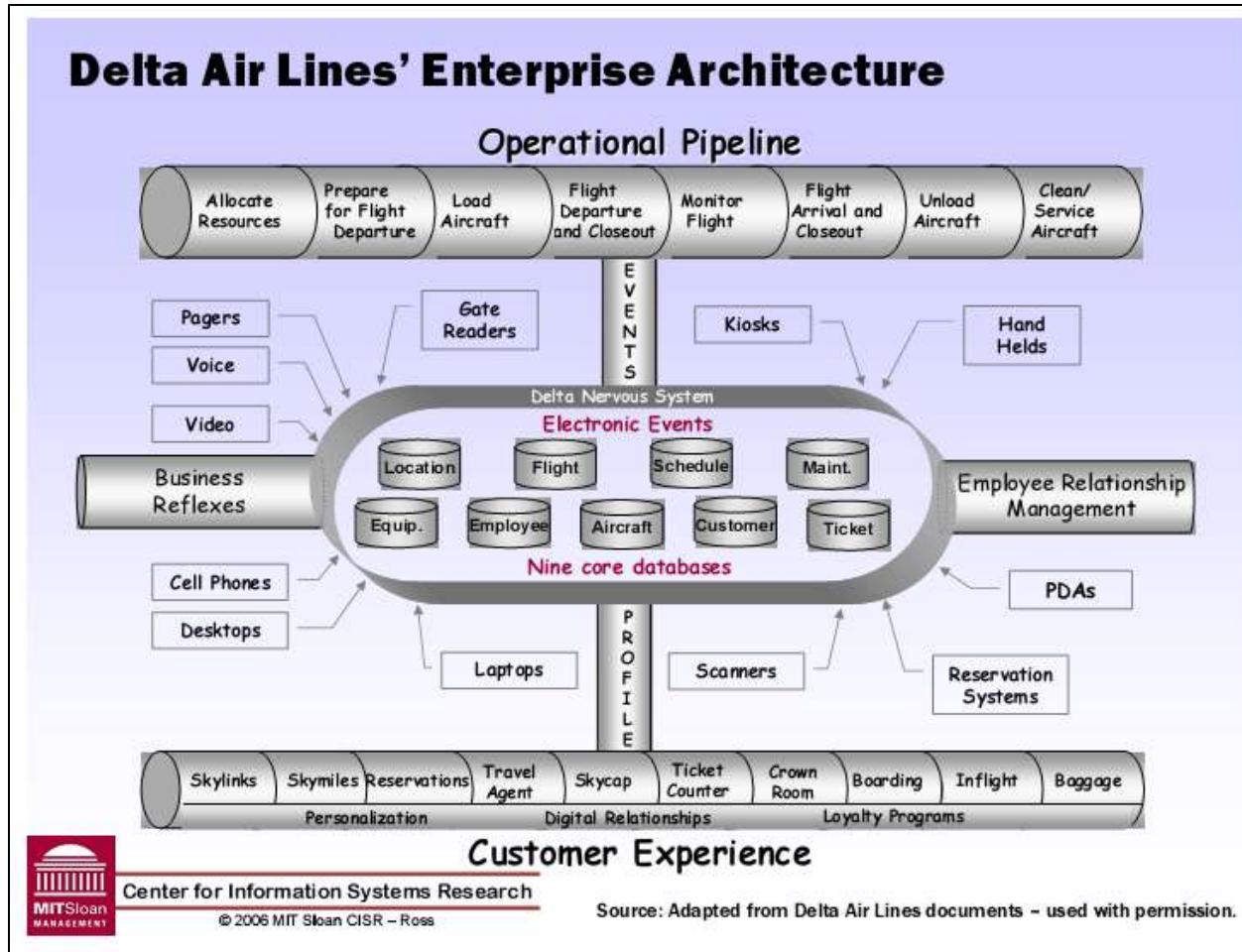
ساده‌سازی معماری



Adrian Grigoriu's One-Page Architecture



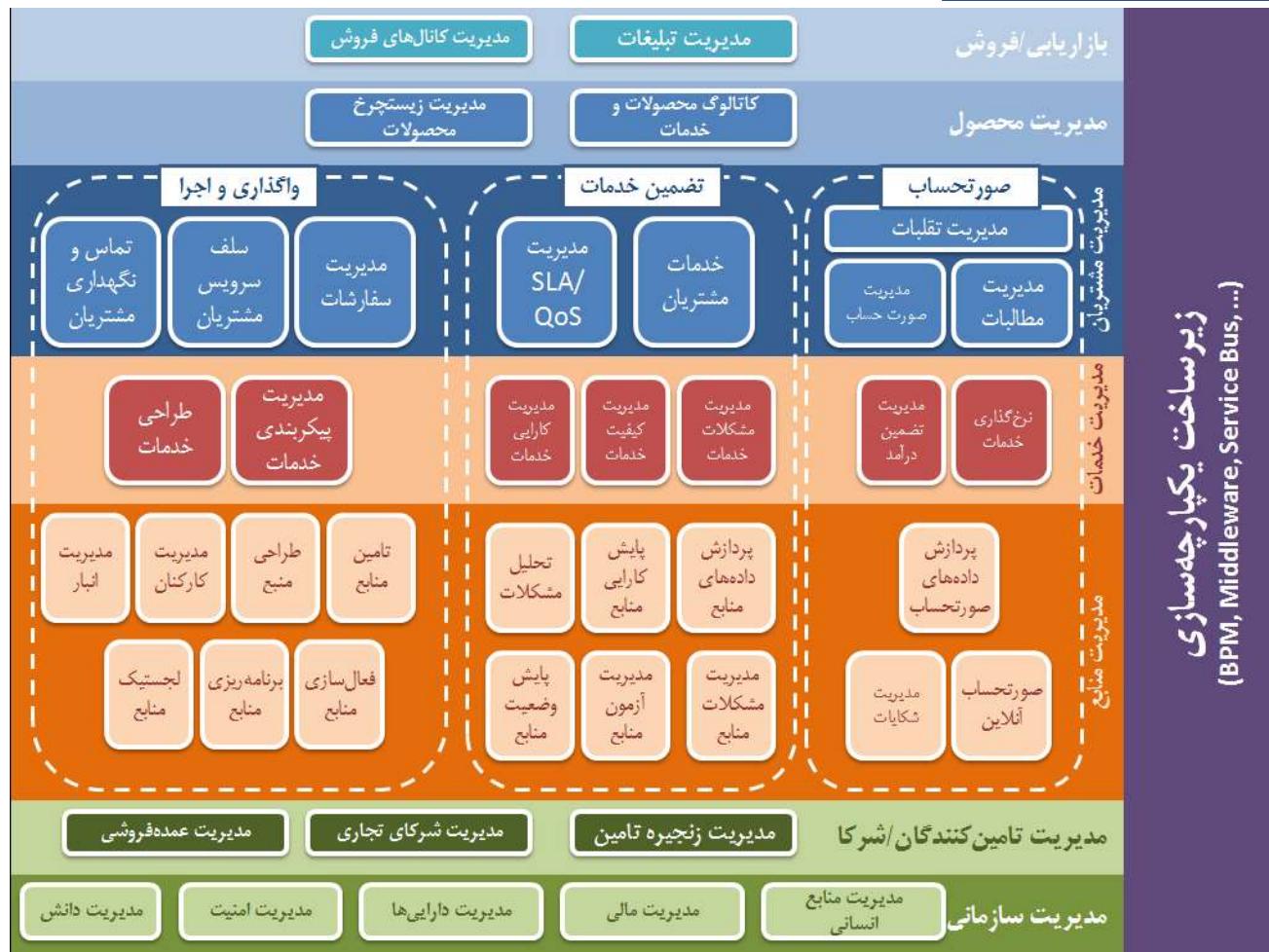
ساده‌سازی معماری



J.W.Ross Operating Model



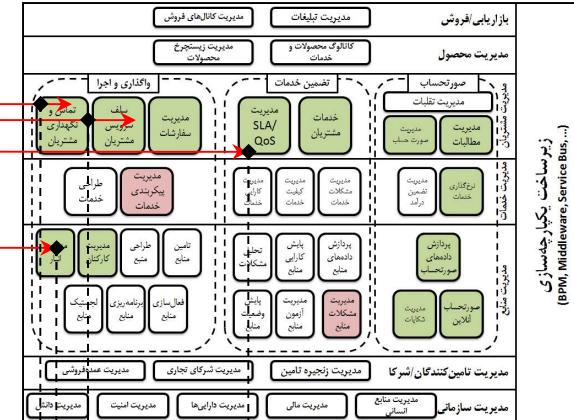
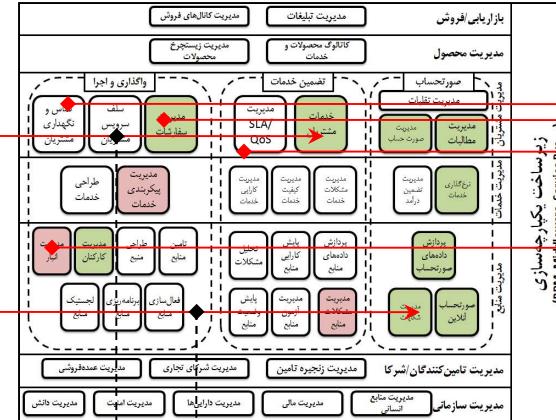
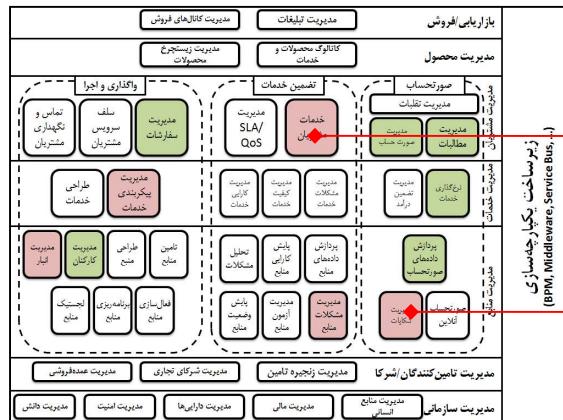
استفاده از مدل‌های مرجع در معما



TM-Forum Framework for Telecom Industry



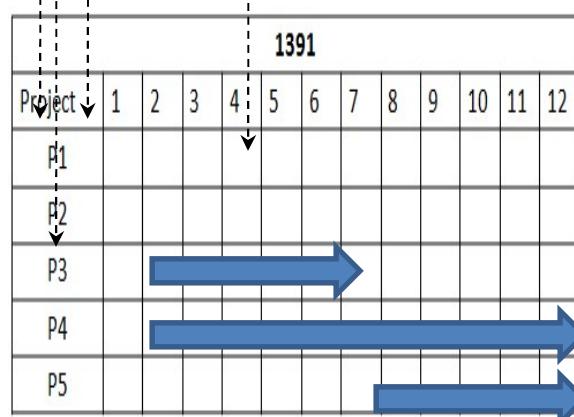
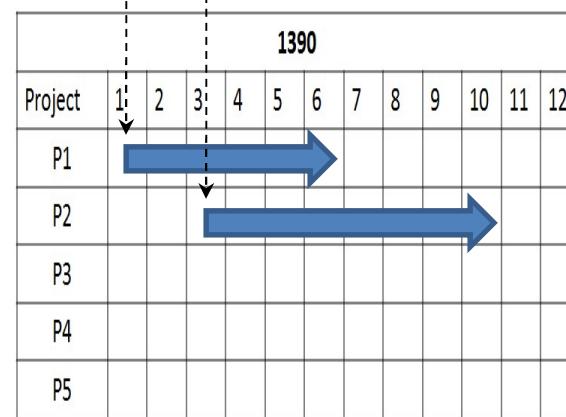
استفاده از مدل‌های مرجع در معما ری



A₀

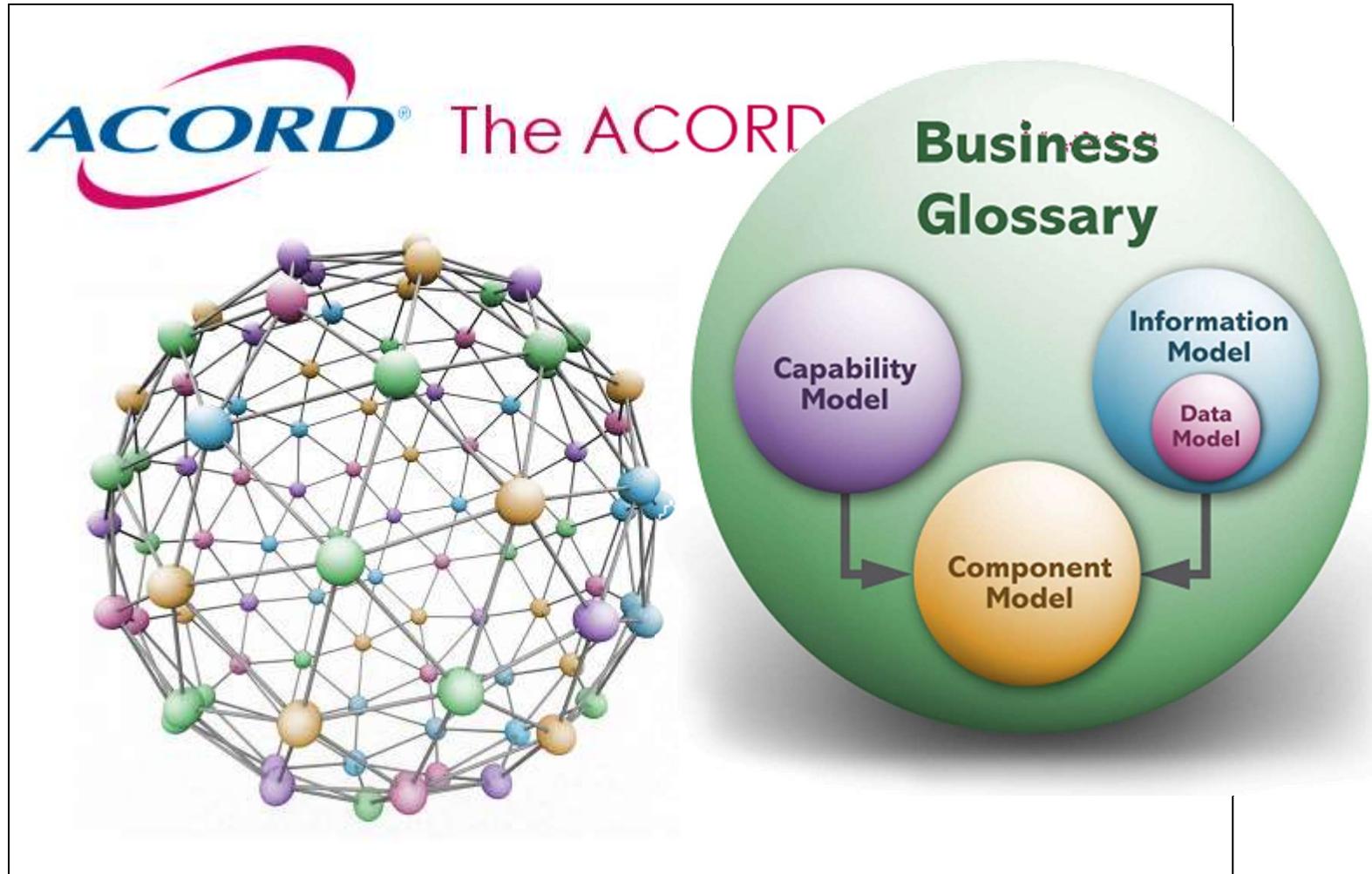
A₁

A₂





استفاده از مدل‌های مرجع در معماری



ACORD Framework for Insurance Industry



رویکرد First To-Be Architecture

The 10 Best Practices of Successful EA Programs

1. Charter Your EA Program focused on Business context
2. Develop (and Execute) a Communications Plan
3. Be Pragmatic (scope and iterate your efforts)
4. Treat Each Iteration Like a Project
5. Start With the Business Strategy and Obtain Business Sponsorship
6. Do the Future State Before the Current State
7. Don't Forget Governance
8. Set Up a Measurement Program (link to overall performance management)
9. Track EA Program Maturity and perceptions
10. Pay as Much Attention to Peoples Competencies as to Skills



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سرویس-گرایی و معماری سازمانی

OASIS 

Reference Architecture for Service Oriented Architecture Version 0.3

Working-draft, March 4, 2008

Specification URIs:

This Version:
<http://docs.oasis-open.org/soa-mv/> [additional path/filename].html
<http://docs.oasis-open.org/soa-mv/> [additional path/filename].pdf

Previous Version:
<http://docs.oasis-open.org/soa-mv/> [additional path/filename].html
<http://docs.oasis-open.org/soa-mv/> [additional path/filename].pdf

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Latest Approved Version:
<http://docs.oasis-open.org/soa-mv/> [additional path/filename].html
<http://docs.oasis-open.org/soa-mv/> [additional path/filename].pdf

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Related work:
This specification is related to:
+ OASIS Reference Model for Service Oriented Architecture

Abstract:
This document specifies the OASIS Reference Architecture for Service Oriented Architecture. It follows from the concepts and relationships defined in the OASIS Reference Model for Service Oriented Architecture. While it remains abstract in nature, the current document describes one possible template upon which a SOA concrete architecture can be built.
Our focus in this architecture is on an approach to integrating business with the information technology needed to support it. The issues involved with integration are always present, but, we find, are thrown into clear focus when business integration involves crossing ownership boundaries.
This architecture follows the recommended practice of describing architecture in terms of models, views, and viewpoints, as prescribed in ANSI/IEEE¹ 1471 Std. This Reference Architecture is

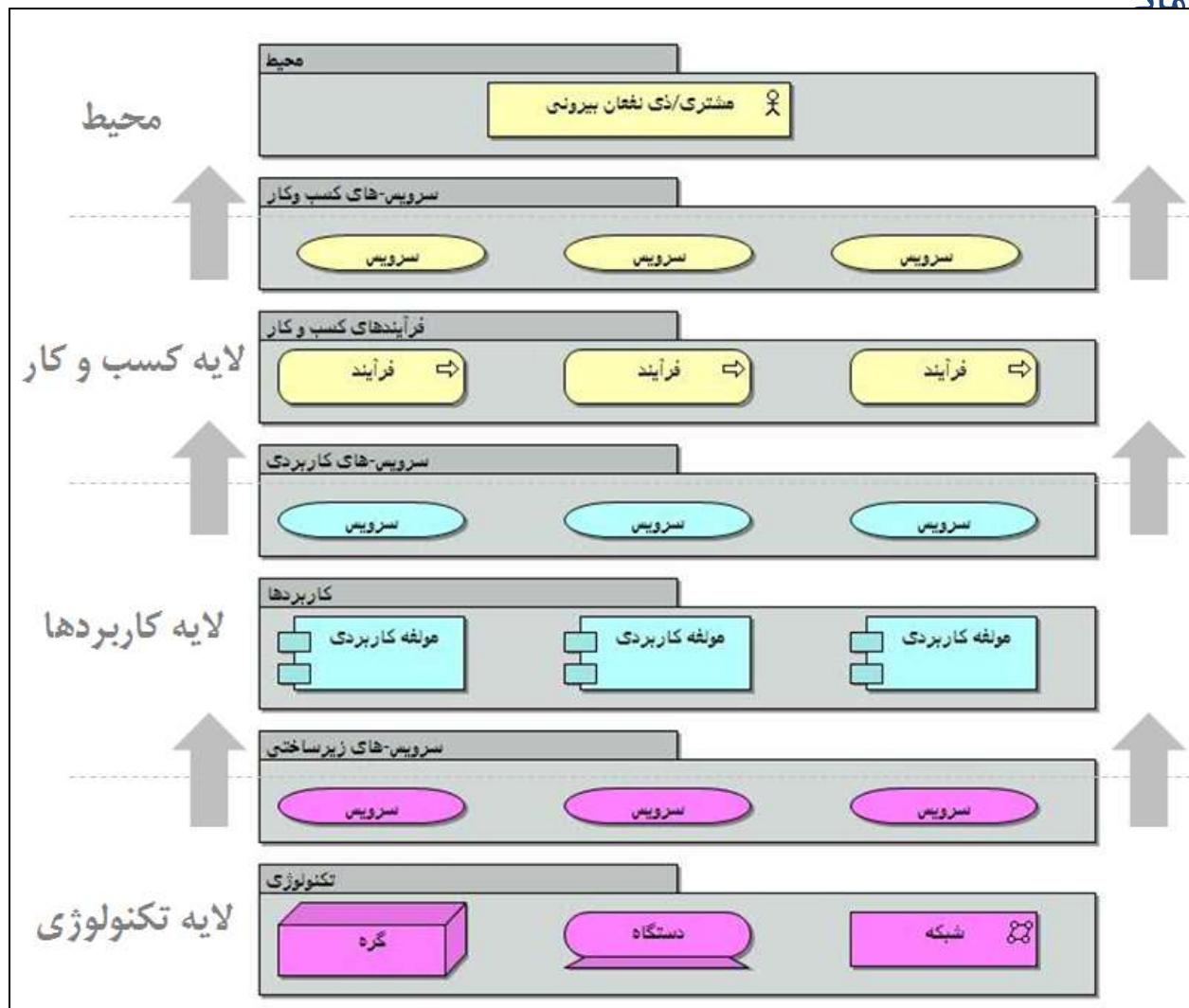
¹ American National Standards Institute

soa-mv-03
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March 4, 2008
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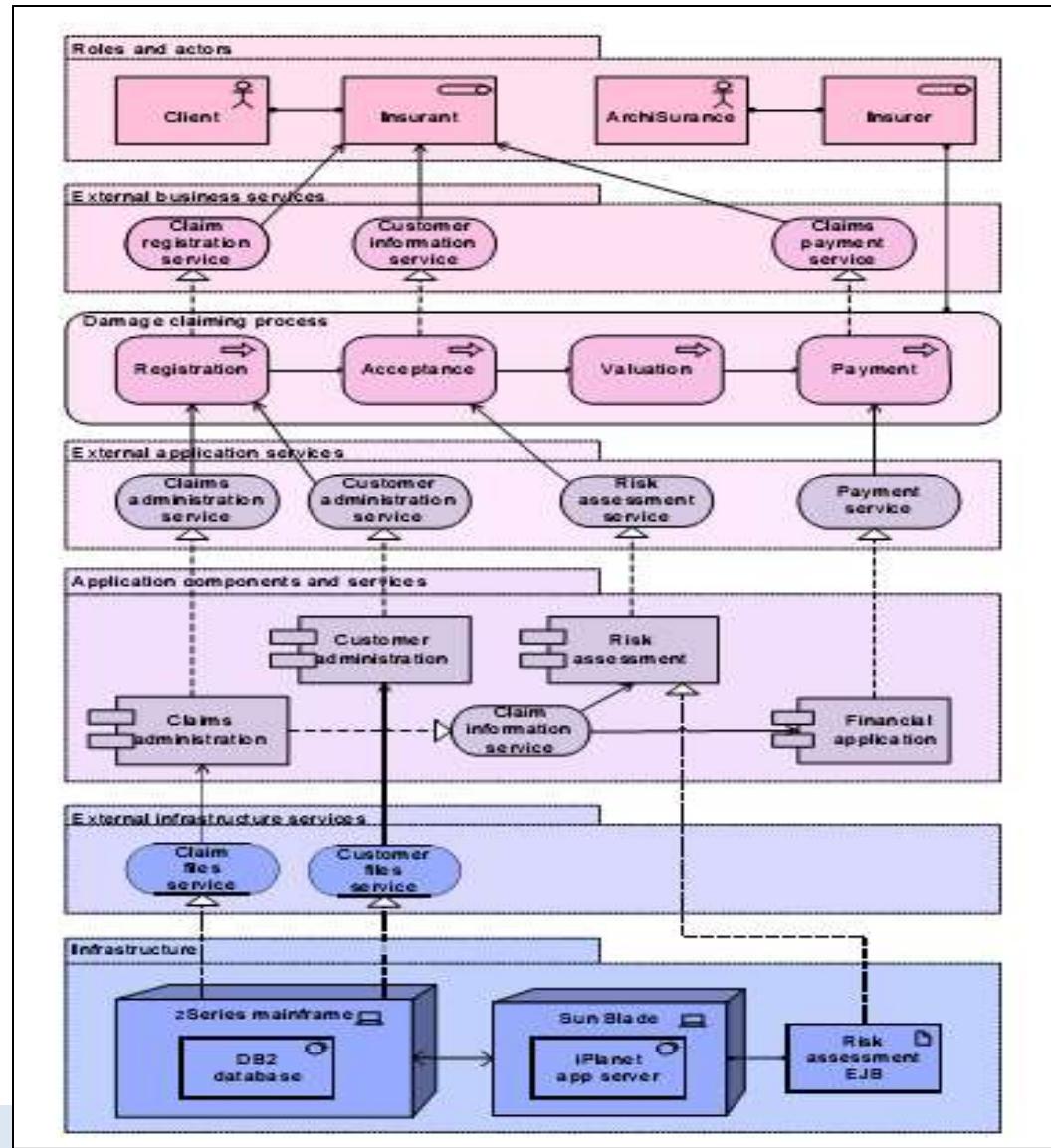


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