

# Integrating Enterprise Architecture

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***PROGRESSIVE***

# Enterprise Architecture

“The process of translating business **vision and strategy** into effective enterprise change by creating, communicating, and improving the **key principles and models** that describe the enterprise’s future state and enable its evolution.” (Gartner Group)

“A coherent whole of **principles, methods, and models** that are used in the design and realization of an enterprise’s organizational structure, business processes, information systems, and infrastructure ”(The ArchiMate Foundation)

“The **fundamental organization** of a system, embodied in its components, their relationships to each other and the environment, and the **principles governing** its design and evolution.” (ANSI/IEEE)

# Organization

- » \$17B revenue / 26,000 employees
- » 3,000 IT personnel / 100 Architects
- » 25 Architecture domains
- » 5 Architecture Boards
- » 800 applications
- » 400 architecturally significant projects



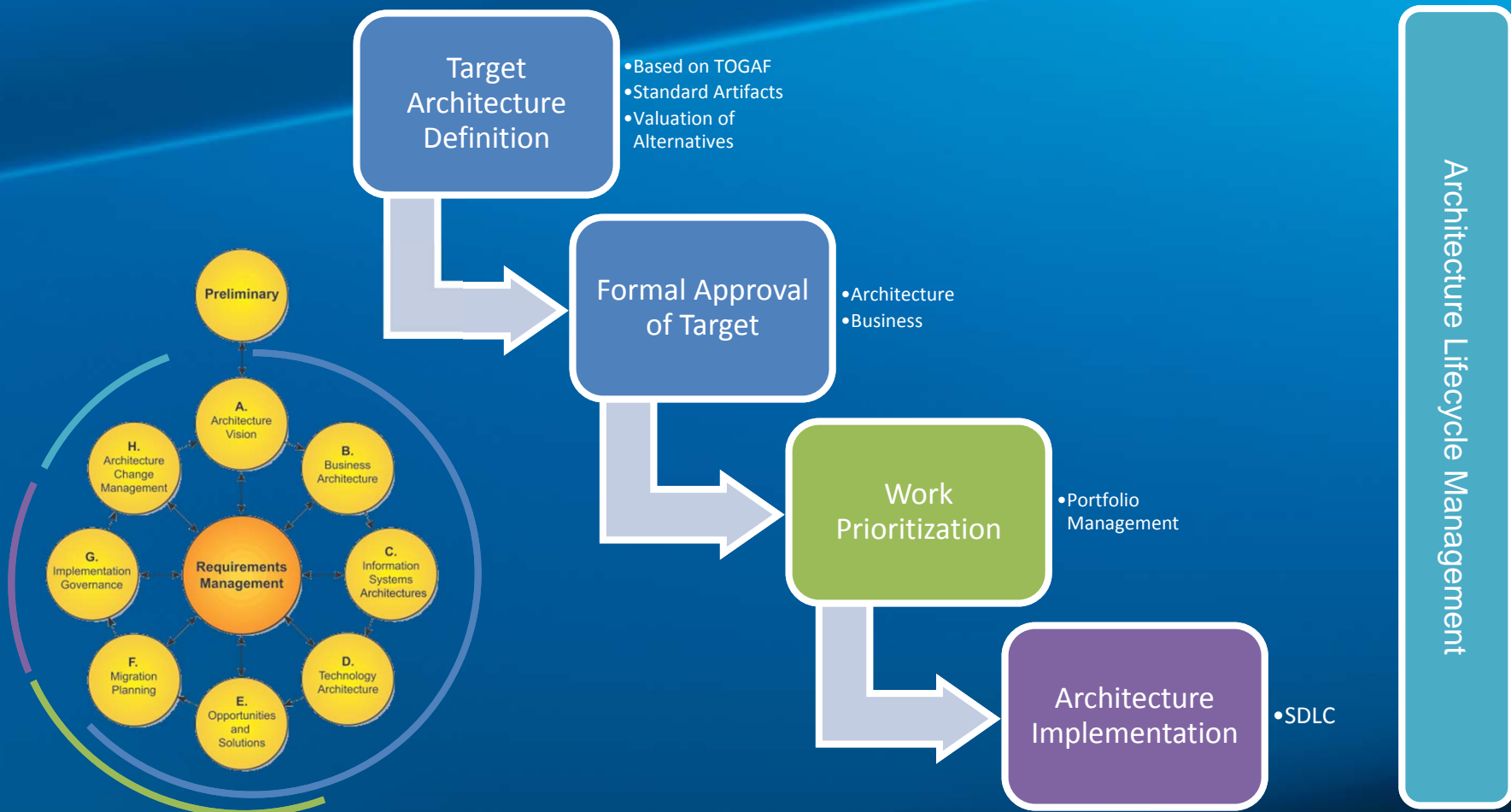
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# Challenges



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# Architecture Definition





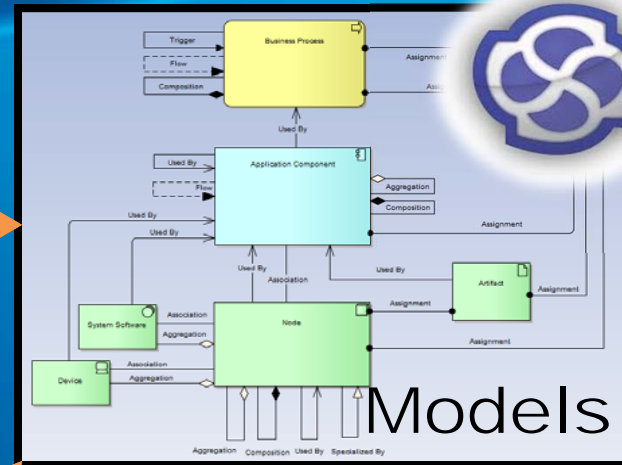
# EA Repository

Enterprise Software Services & Architecture  
Progressive Architecture Repository (PAR)

**About the PAR**

- Progressive Architecture Description**
  - Models of current and target architectures
  - Domain Target Architecture pages
  - Architecture and Technology roadmaps
  - Other architecture assets
- Architecture Governance**
  - Governance Site
  - Architecture Review Boards' decisions and information
- Reference**
  - Guidance Catalog (best practices, guidelines, conventions, and patterns)
  - Overviews
  - Instructions and examples
  - Architect roles and responsibilities
  - Other materials to help build solutions
- Standards**
  - Architectures and software conforming with Progressive and ESSA standards
  - Architectural rules which are audited for compliance
  - Standard Operating Procedures

**Gateway**



Enterprise Architecture  
Roadmap Explorer

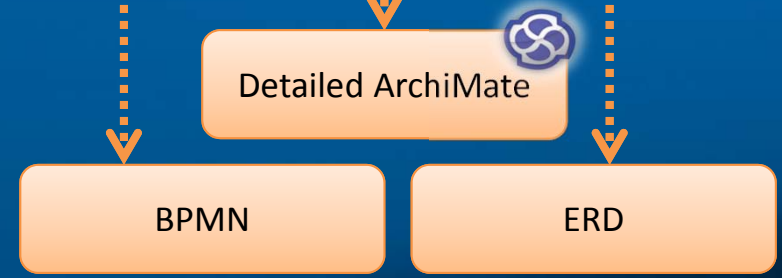
Search: Application Components For

**Roadmap for Client - Application Components**

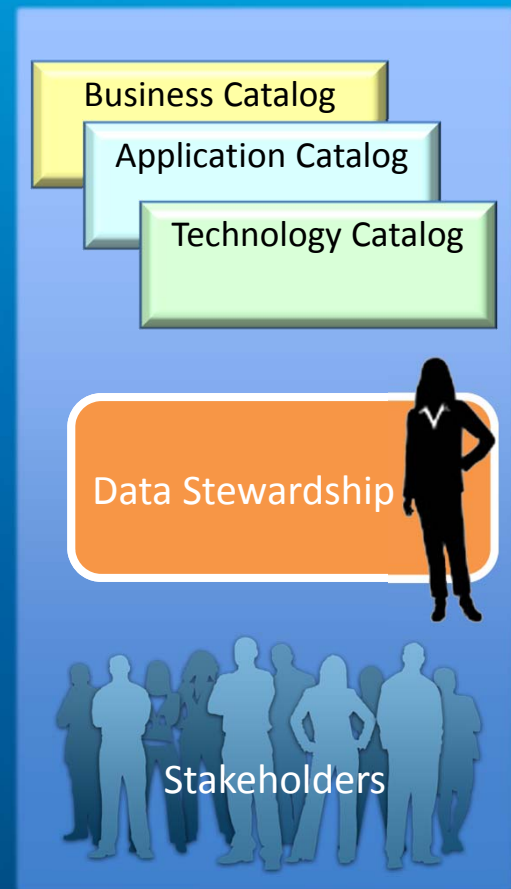
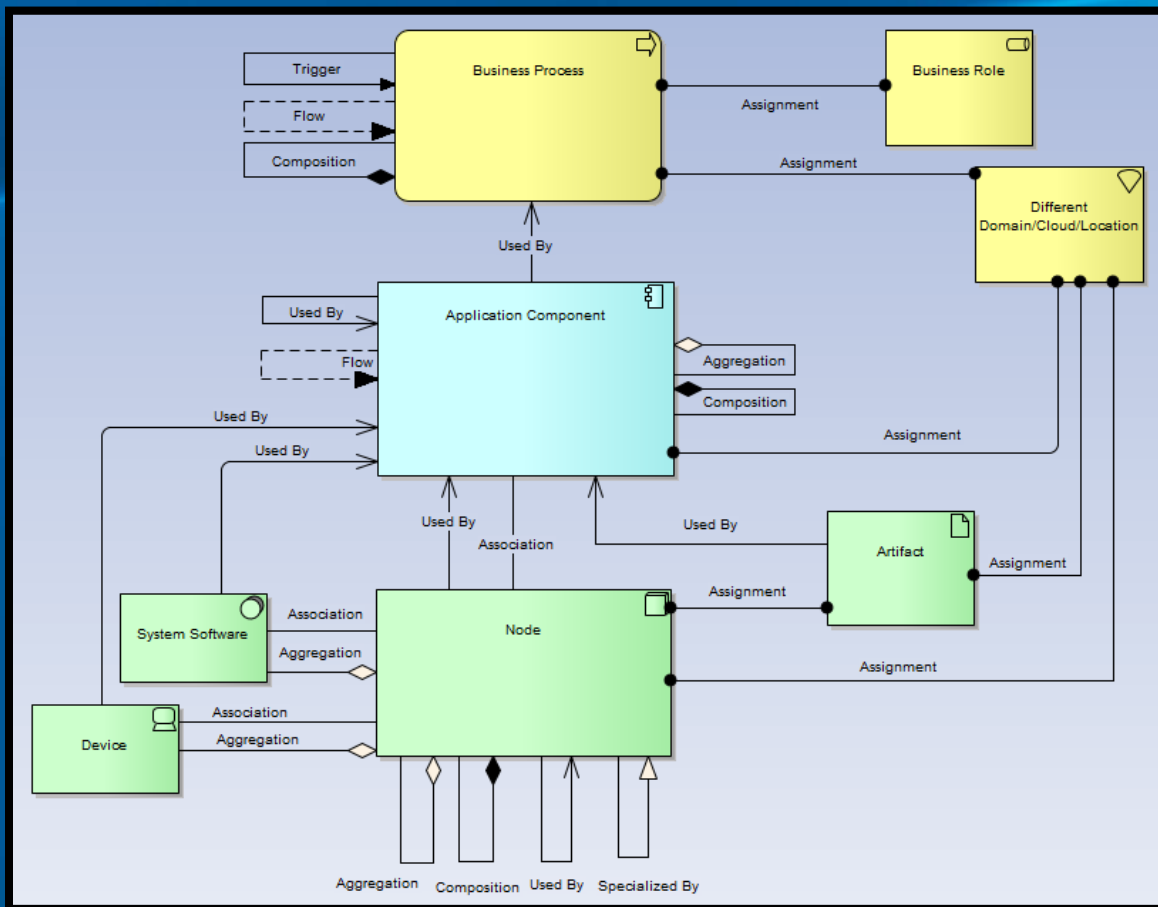
Name	2013	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	2Q15	3Q15	4Q15	1Q16
Apple Client												
Apple Desktop												
Apple Laptop												
Application Delivery												
Cellular Wireless												
Client												
Client Management												
Desktop												
Hosted Client												
Laptop												
Printing												

Legend: Proposed (blue), Mainstream (green), Containment (yellow), Retirement (red), Extinct (grey), No Data (white)

**Catalogs**

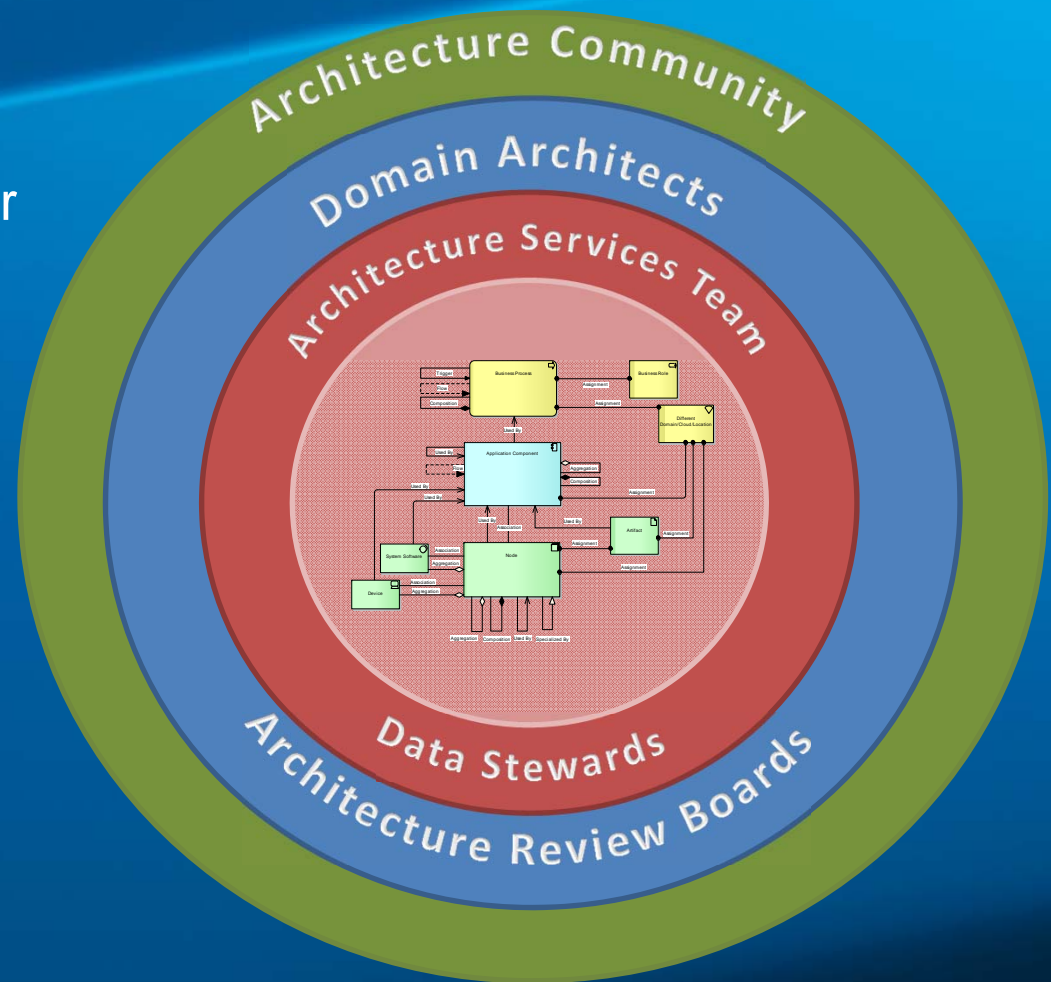


# Meta-Model



# Keeping It Fresh

- » Centralized responsibility for data quality and publishing
- » Ownership of information stays with the knowledge
- » Shared responsibility for currency





# Lessons Learned

- » Know why you want Enterprise Architecture
- » Be mindful about how much you can manage
- » Build on existing foundation if possible
- » Establish taxonomy first
- » Establish information ownership and governance
- » It is about information, not about the tool
- » It is about people



# Thank You



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