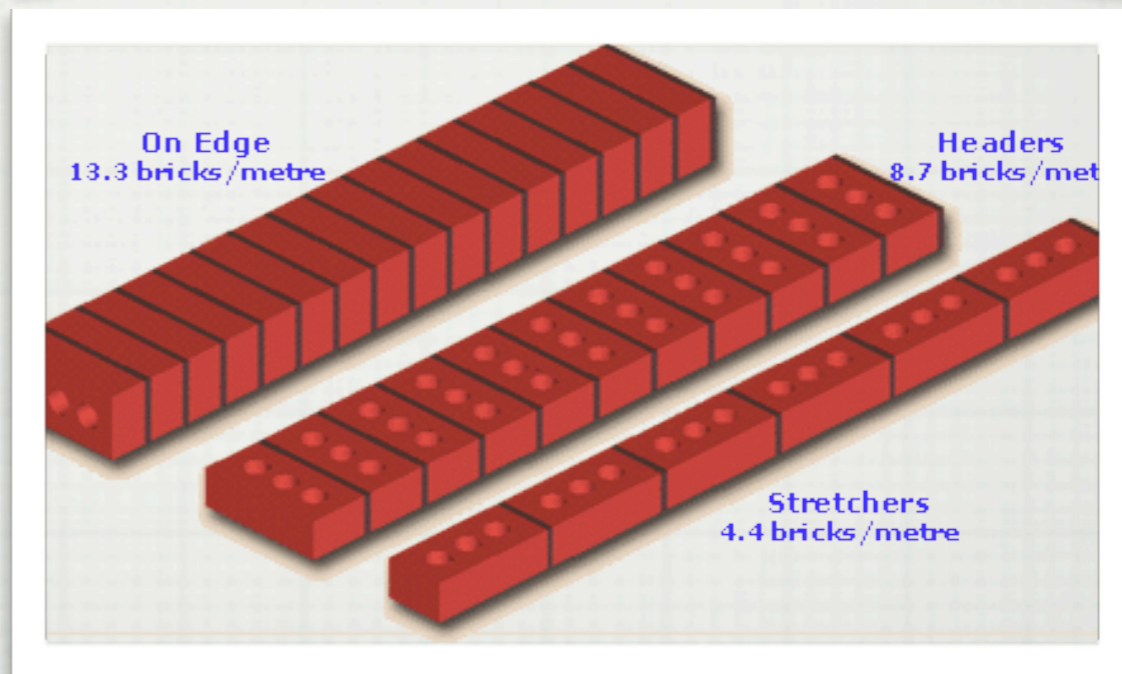
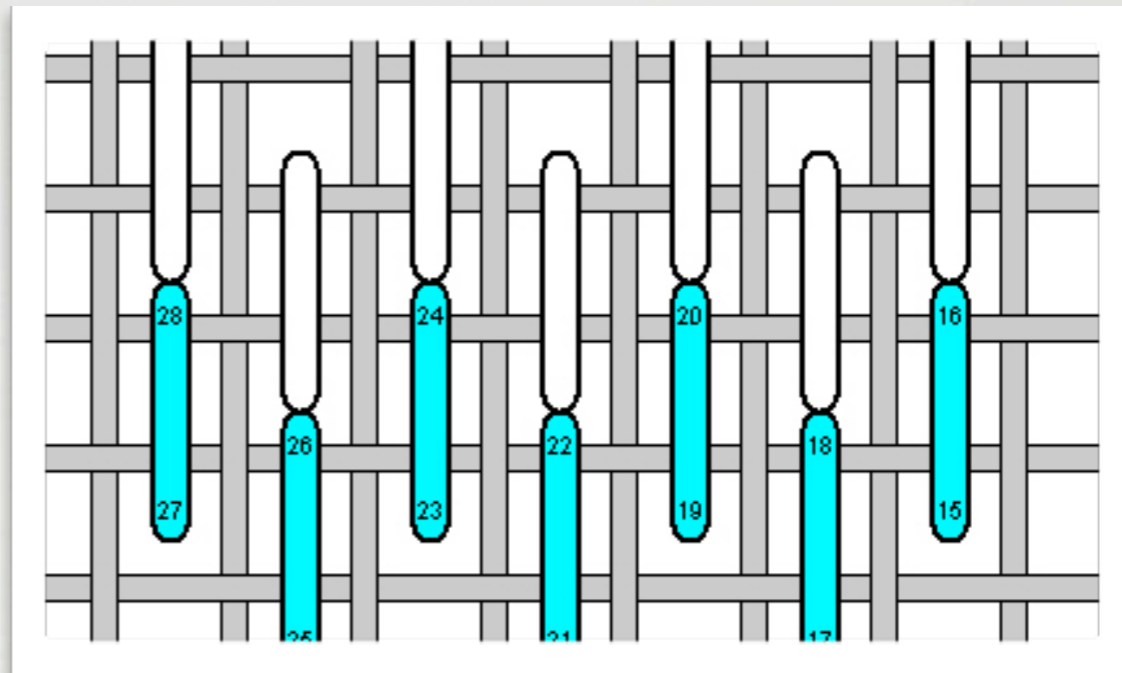
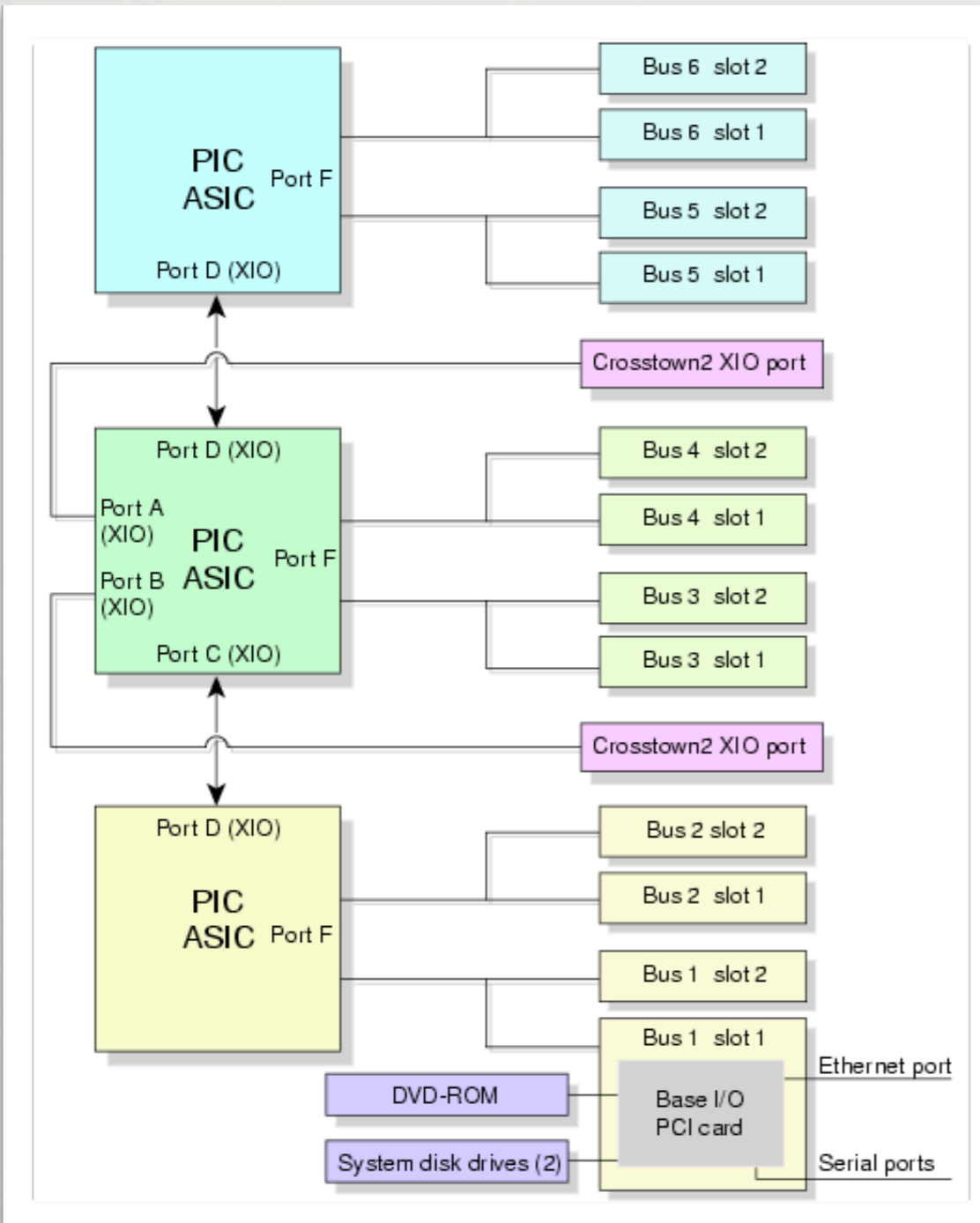


# BRICK DIAGRAMS

JIM PHELPS

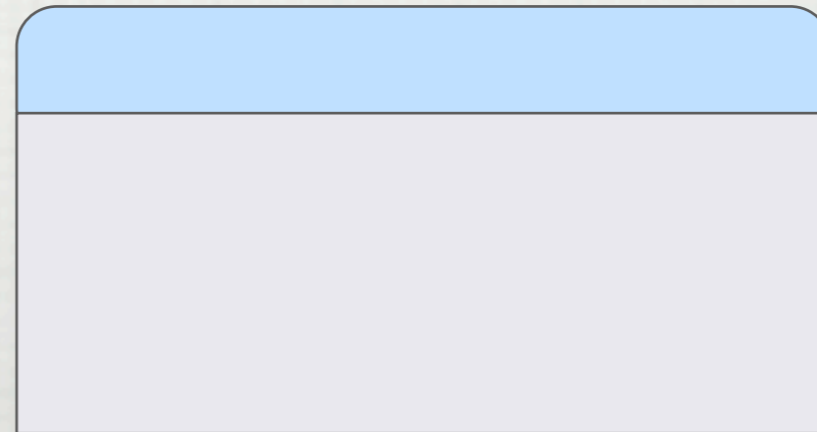
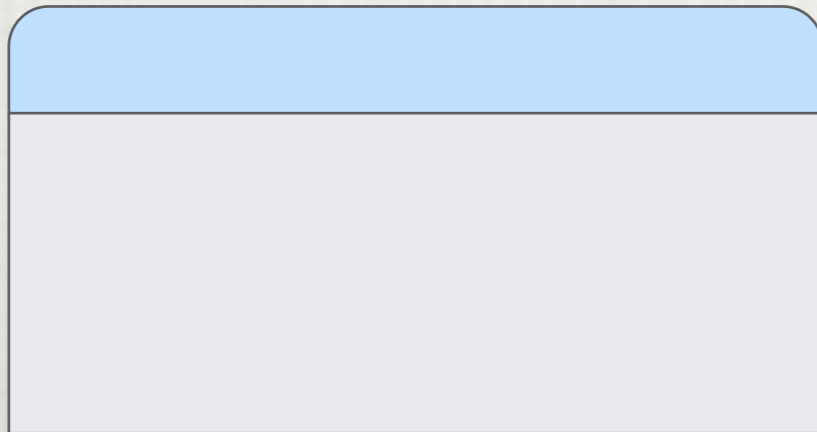
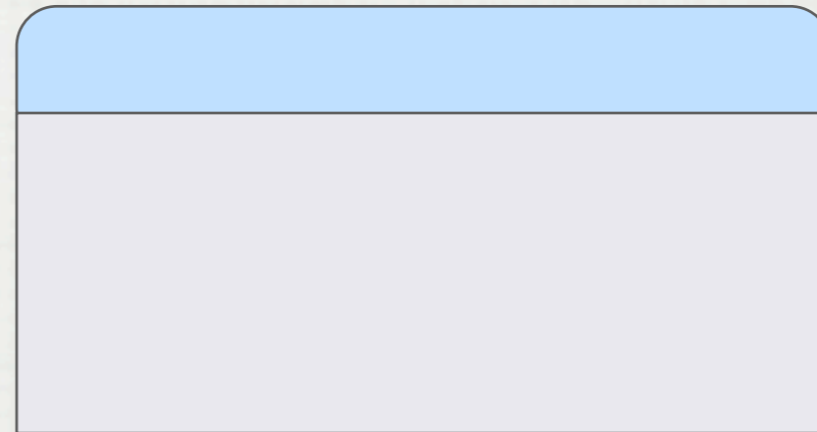
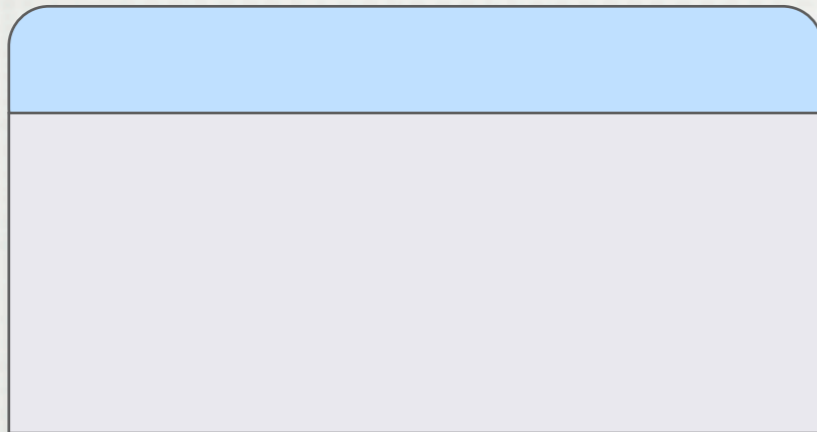
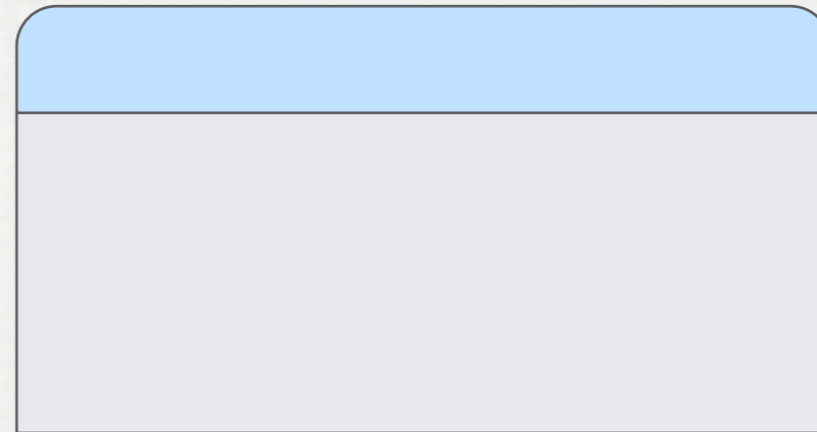
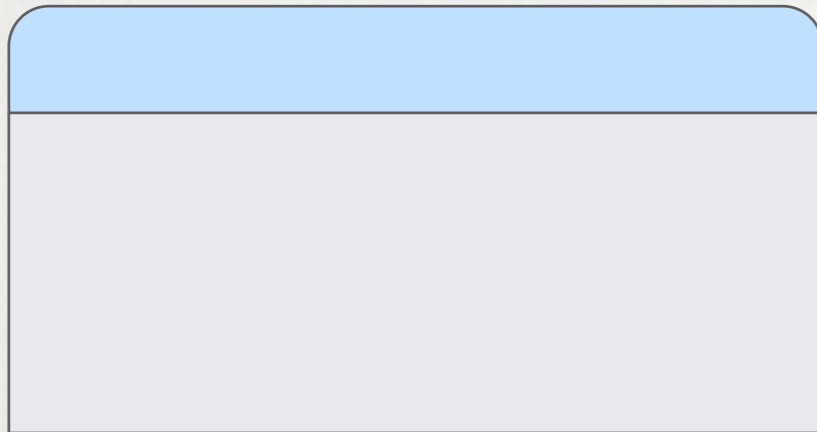
M-TEAM AUGUST 2008



NOT THESE

# ENTERPRISE ARCHITECTURE TOOL

---



# A BRICK DIAGRAM CAPTURES

---

- TRENDS AND INSIGHTS
- CURRENT STATE
- SHORT TERM PLANS
- LONG TERM PLANS
- WHAT IS IN CONTAINMENT
- WHAT IS BEING STOPPED

# NIH - DOCUMENT MANAGEMENT TOOLS

## Tactical

(0-2 years)

- Documentum ApplicationXtender
- Open Text LiveLink
- Microsoft Office SharePoint Services (MOSS)
- Captaris Document Management Server

## Strategic

(2-5 years)

- Open Text LiveLink
- Microsoft Office SharePoint Services (MOSS)

## Retirement

(To be eliminated)

- Westbrook File Magic
- Microsoft SharePoint Team Services (2001)

## Containment

(No new development)

- Xerox Docushare
- Microsoft SharePoint Services (2003)
- DocStar Document Management
- Doculex Document Management

## Baseline

(Today)

- Documentum ApplicationXtender
- Open Text LiveLink
- Westbrook File Magic
- Xerox Docushare
- Captaris Document Management Server
- DocStar Document Management
- Doculex Document Management
- Microsoft SharePoint Services (2003)

## Emerging

(To track)

- IBM FileNet P8
- Application Service Provider Models
- Open Source Tools
- EMC Documentum
- Hyland Onbase

# TACTICAL

---

- 0-2 YEARS
- SHORT TERM  
PLANNING
- WHERE WE PLAN ON  
BEING

## **Tactical**

(0-2 years)

- Documentum ApplicationXtender
- Open Text LiveLink
- Microsoft Office SharePoint  
Services (MOSS)
- Captaris Document Management  
Server

# STRATEGIC

---

- 2-5 YEARS
- LONG TERM  
PLANNING
- WHERE WE WANT TO  
BE

## Strategic

(2-5 years)

- Open Text LiveLink
- Microsoft Office SharePoint  
Services (MOSS)

# RETIREMENT

---

- END-OF-LIFE ITEMS
- THINGS WE WANT TO STOP DOING
- DO WE HAVE ANY?

## **Retirement** (To be eliminated)

- Westbrook File Magic
- Microsoft SharePoint Team Services (2001)

# CONTAINMENT

---

- THINGS WE NEED TO RUN
- BUT NO NEW USES
- MAINFRAME

## **Containment**

(No new development)

- Xerox DocuShare
- Microsoft SharePoint Services (2003)
- DocStar Document Management
- DocuLex Document Management

# BASELINE

---

- EVERYTHING WE'RE DOING TODAY
  
- BASELINE - TACTICAL

=

CONTAINMENT +  
RETIREMENT

## Baseline

(Today)

- Documentum ApplicationXtender
- Open Text LiveLink
- Westbrook File Magic
- Xerox Docushare
- Captaris Document Management Server
- DocStar Document Management
- Doculex Document Management
- Microsoft SharePoint Services (2003)

# EMERGING

---

- THINGS ON THE HORIZON
- ORACLE'S BEEHIVE COLLABORATION SUITE
- WEB2.0 TOOLS
- ORACLE FUSION APPLICATIONS

## Emerging

(To track)

- IBM FileNet P8
- Application Service Provider Models
- Open Source Tools
- EMC Documentum
- Hyland Onbase

# + DESCRIPTION

## **Description**

Document management includes software systems that allow enterprises to generate, produce, store, manage, retrieve, and distribute electronic files (e.g. text, image, audio, video), yielding greater efficiencies in the ability to reuse information and to establish workflow constructs.

Document management tools typically interface with record management and workflow tools to provide a seamless collaborative environment.

Document management applications have also been subsumed into the functionality of smart enterprise suites and other multiple use applications currently popular in the marketplace. Several applications that were historically considered document management tools also contain functionality for standalone workflow capabilities, depending on how the application is integrated into the information technology environment.

# + COMMENTS

## Comments

- Tactical and strategic products were selected to leverage NIH's investment in products that are a proven fit for NIH's known future needs. Leveraging baseline products in the future will minimize the operations, maintenance, support and training costs of new products
- Some baseline products have been designated retirement and containment. These products are either not as widely or successfully deployed at NIH, or they do not provide as much functionality, value or Total Cost of Ownership as the selected tactical and strategic products.
- There are two market trends in Document Management:
  - Market convergence and consolidation into product suites which provide comprehensive functionality, generally at a higher comparable cost.
  - Focused vendor offerings which provide less comprehensive overall functionality, but at a lower cost.
- Usage guidelines:
  - A full ECM suite (e.g., Open Text LiveLink) is not always necessary for projects requiring basic document management functionality.
  - Lower cost products provide functionality in certain focused areas. For example, Microsoft focuses on providing a document collaboration platform, and Hyland focuses on high-volume imaging support.

# + TIME STAMP

---

## **Time Table**

This architecture definition approved on: **July 20, 2007**

The next review is scheduled in: **TBD**

# A COMPLETE BRICK DIAGRAM



Contact Us | Help | Pages Ready to Email (0)

- About
- Your Part
- Architecture Library**
- Tools & Resources

## Document Management Tools Brick

Home > Architecture Library > Review by Architecture Type > Technology Architecture > **Document Management Tools Brick**

### Description

Document management includes software systems that allow enterprises to generate, produce, store, manage, retrieve, and distribute electronic files (e.g. text, image, audio, video), yielding greater efficiencies in the ability to reuse information and to establish workflow constructs.

Document management tools typically interface with record management and workflow tools to provide a seamless collaborative environment.

Document management applications have also been subsumed into the functionality of smart enterprise suites and other multiple use applications currently popular in the marketplace. Several applications that were historically considered document management tools also contain functionality for standalone workflow capabilities, depending on how the application is integrated into the information technology environment.

### Tactical (0-2 years)

- Documentum ApplicationXtender
- Open Text LiveLink
- Microsoft Office SharePoint

### Strategic (2-5 years)

- Open Text LiveLink
- Microsoft Office SharePoint Services (MOSS)

### Architecture Category

- Architecture Type**  
[Technology Architecture](#)
- Technology Type**  
[Collaboration](#)
- Artifact Type**  
[Brick](#)

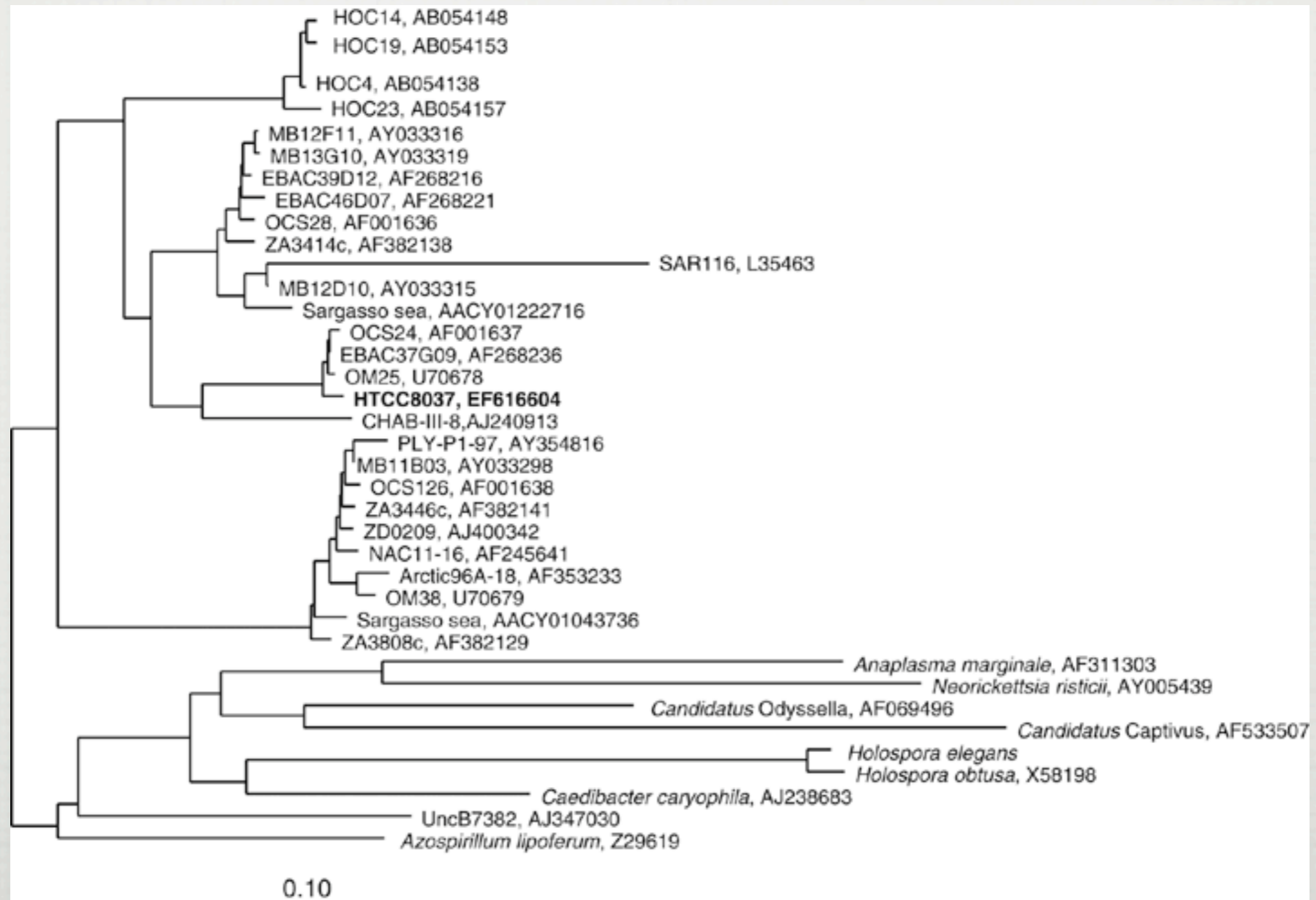
### Related Links

- ➔ [Document Management Service Pattern](#)
- ➔ [Web Content Management Service Pattern](#)
- ➔ [Workflow/Business Process Management \(BPM\) Services Pattern](#)
- ➔ [Document Imaging Brick](#)
- ➔ [Integration Broker Suites \(IBS\) Brick](#)
- ➔ [Search Engines Brick](#)
- ➔ [Shared Virtual Workspace Brick](#)
- ➔ [Web Browsers Brick](#)

BUT...

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# ASSUMPTION I: TAXONOMY



# ASSUMPTIONS



[Contact Us](#) | [Help](#) | [Pages Ready to Email \(0\)](#) 

<a href="#">About</a>	<a href="#">Your Part</a>	<a href="#">Architecture Library</a>	<a href="#">Tools &amp; Resources</a>	
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## Review by Technology Type

[Home](#) > [Architecture Library](#) > [Review by Technology Type](#)

Browse standards and models, based on the type of technical solution.

### [Applications Technology](#)

Technical tools (software), such as application servers and Web servers, that enable the development of software applications that automate specific business tasks.

### [Collaboration](#)

Technologies and tools, such as email, messaging, workflow, and document and content management, that enable NIH users to access vital information resources, share information, and work and communicate effectively and efficiently with peers, customers, and the public.

### [Data Technology](#)

Technical tools (software), such as data warehouses or other databases, that enable information storage, retrieval, management, and analysis.

### [Integration Technology](#)

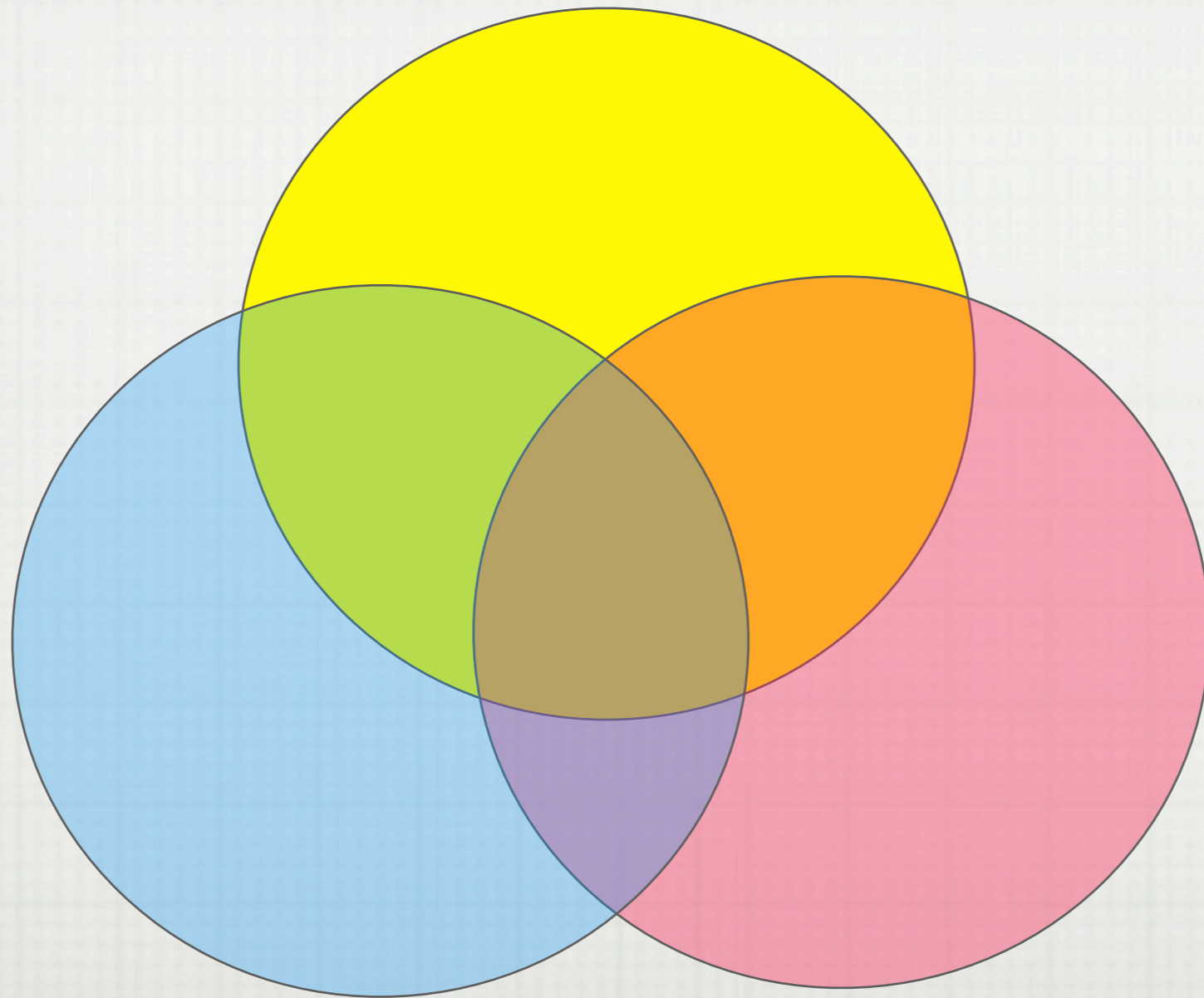
Technical infrastructure, including middleware, Web services, integration adapters, and business process management tools, that enables applications to communicate

### Related Links

- [Framework](#)
- [Guide to NIH Enterprise Architecture](#)
- [Enterprise Principles](#)
- [Decision Criteria for Selecting NIH Standards](#)

# ASSUMPTION 2: DEFINITION OF EACH BRICK'S REALM

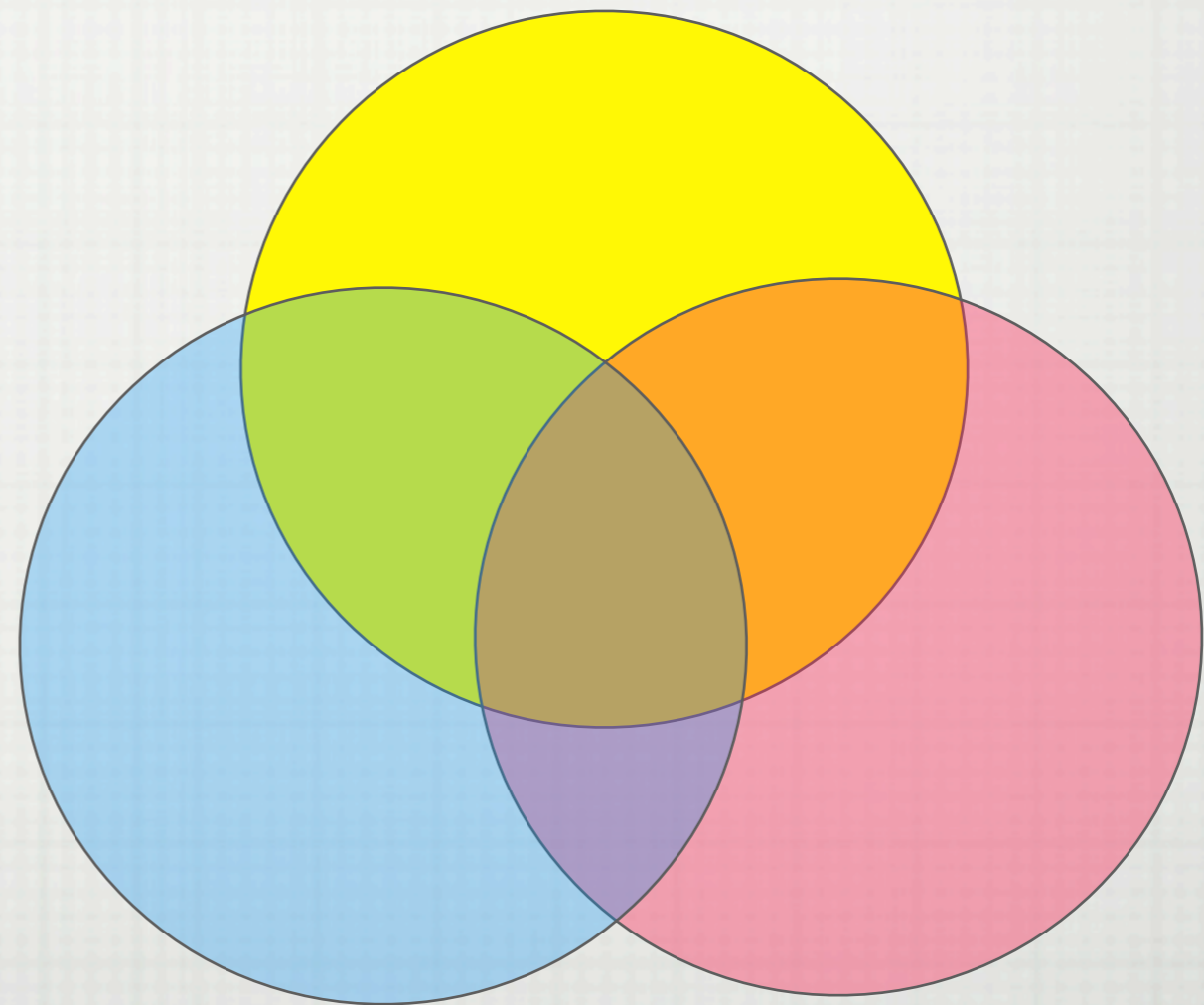
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# ASSUMPTION 2: DEFINITION OF EACH BRICK'S REALM

---

- OBJECTS CAN APPEAR ON MULTIPLE BRICKS
- CAUTION WHEN DEFINING SCOPE OF EACH BRICK
- EACH BRICK REPRESENTS A CAPABILITY



# ASSUMPTION 2: DEFINITION OF EACH BRICK'S REALM

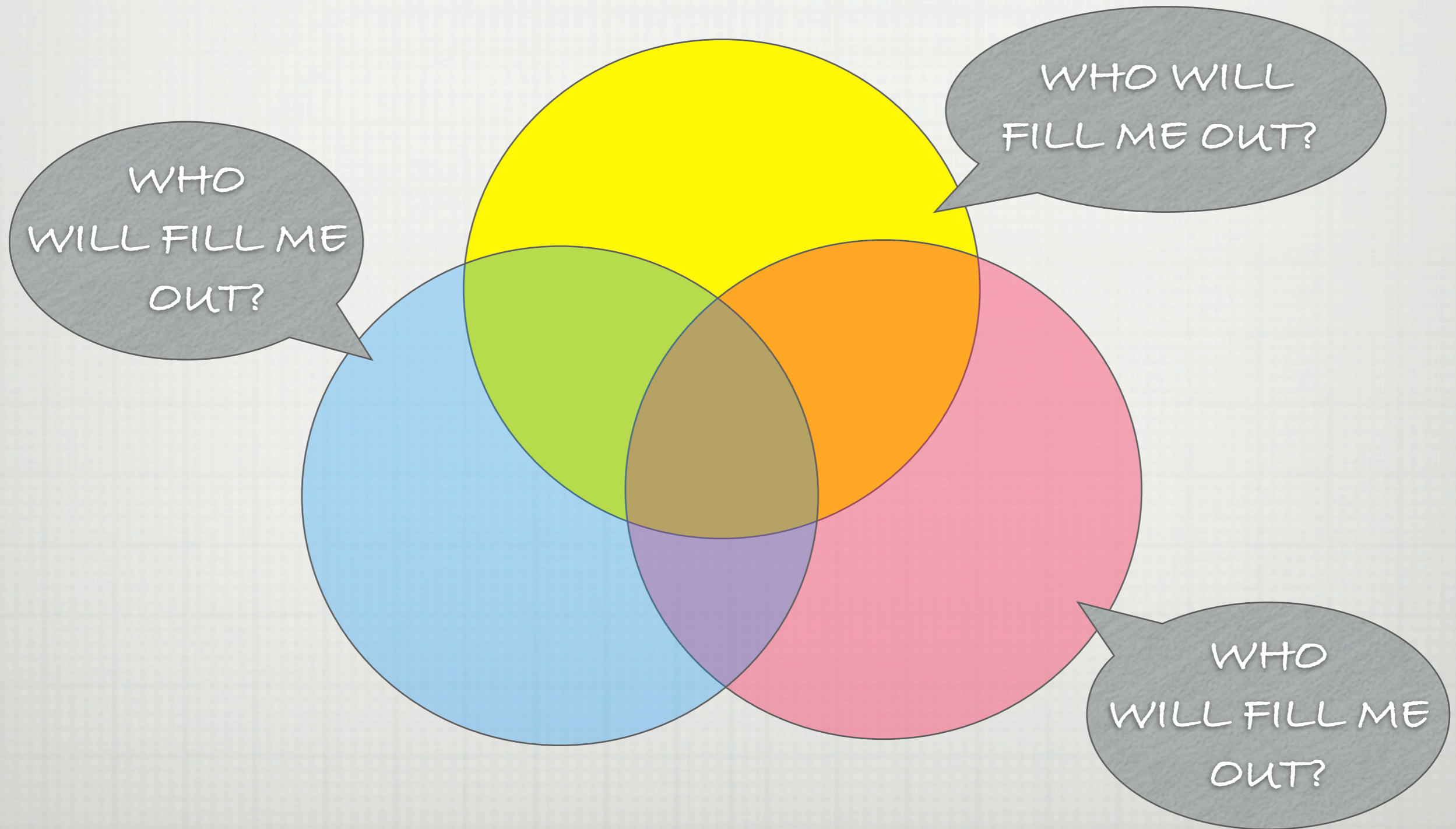
- IDENTITY MANAGEMENT BRICK UNDER COLLABORATION AS AN EXAMPLE
- SAME AS IAM UNDER SECURITY



The screenshot shows the NIH Enterprise Architecture website. The header includes the NIH logo and the text "NATIONAL INSTITUTES OF HEALTH enterpriseARCHITECTURE". A navigation bar has three tabs: "About", "Your Part", and "Architecture Library". The main content area is titled "Technology Type: Collaboration" and includes a breadcrumb trail: "Home > Architecture Library > Review by Technology Type > Collaboration". A paragraph describes technologies and tools like email, messaging, and workflow. Below this, there are links for "Technology Architecture: Brick (21) Pattern (12) Principles (1)". A section titled "Technology Architecture" shows "Collaboration: 34 related definitions". Under the "Brick" heading, two examples are listed: "Desktop Web Conferencing Brick" and "Digital Identity/Public Key Infrastructure (PKI) Brick".

# ASSUMPTION 2: ROLES AND RESPONSIBILITIES

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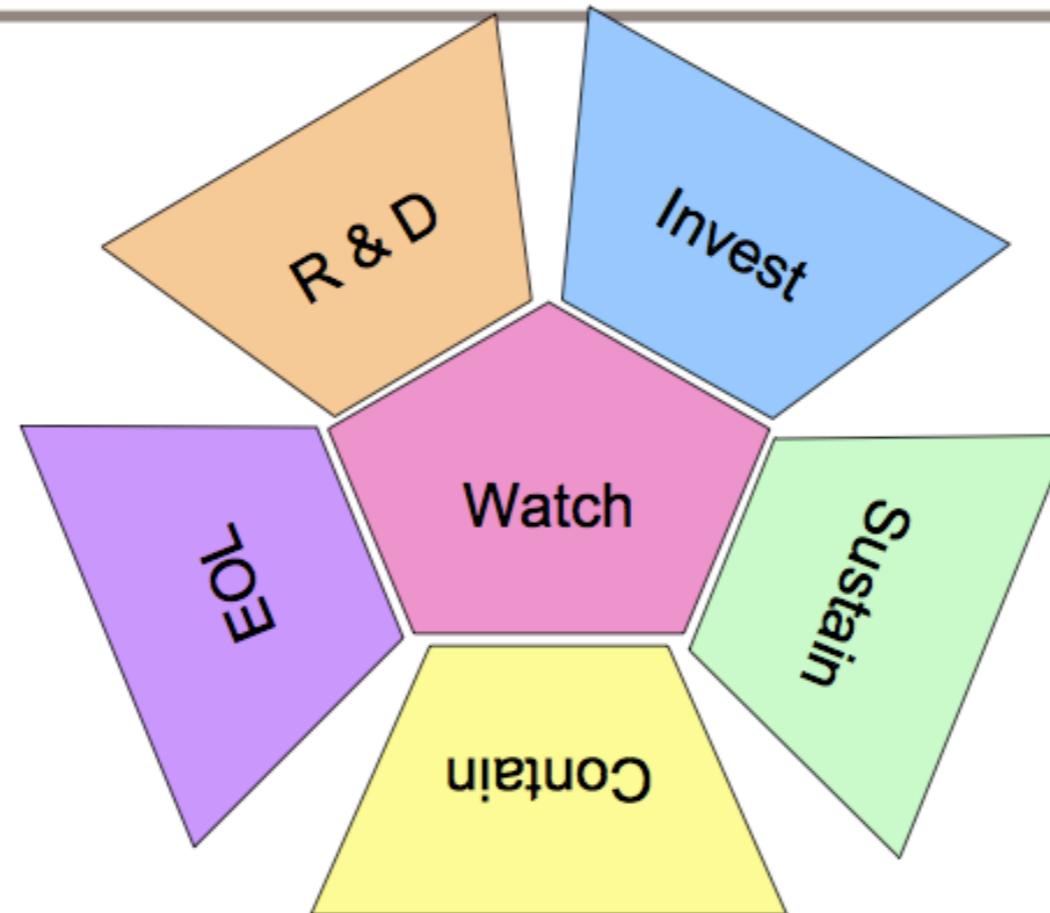
# ELSEWHERE IN ACADEMIA

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# OTHERS ARE DOING SIMILAR THINGS



## Technology Lifecycle



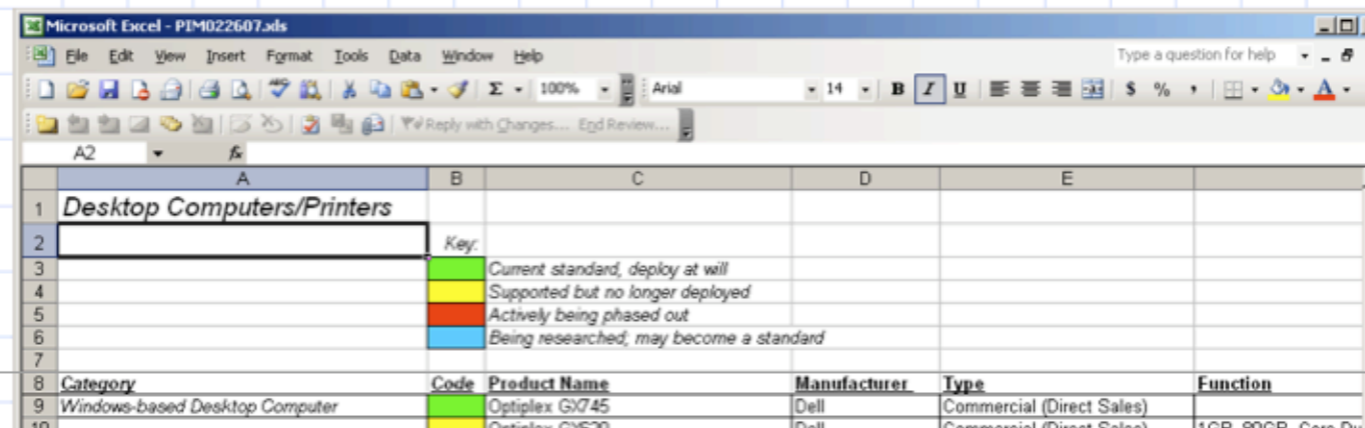
TECHNOLOGY CHANGES EVERYTHING

© 2007 BCIT IT Services

# OTHERS ARE DOING SIMILAR THINGS

## The PIM: Product Item Master

- Products Color Coded
- Blue – Being Researched
- Green – Current, Deploy at Will
- Yellow – Supported, but not deployed
- Red – Actively being phased out



Microsoft Excel - PIM022607.xls

File Edit View Insert Format Tools Data Window Help

Type a question for help

A2

	A	B	C	D	E	
1	Desktop Computers/Printers					
2		Key:				
3		Green	Current standard, deploy at will			
4		Yellow	Supported but no longer deployed			
5		Red	Actively being phased out			
6		Blue	Being researched, may become a standard			
7						
8	Category	Code	Product Name	Manufacturer	Type	Function
9	Windows-based Desktop Computer	Green	Optiplex G745	Dell	Commercial (Direct Sales)	
10		Yellow	Optiplex G760	Dell	Commercial (Direct Sales)	1GB, 80GB, Core Du



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# QUESTIONS, DISCUSSION AND NEXT STEPS