



Knowledge Space

- Datum
 - An element of information that identifies or characterizes a thing
- Information
 - A regular correspondence between or among things
- Knowledge
 - Human awareness of information
 - May extend to understanding
 - May be implicit or explicit
- "Perspective"
 - A framework in which data, information and knowledge are construed

Perspectives on records & records management

Key Themes

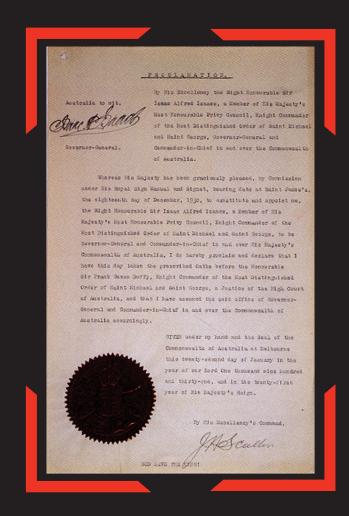
What difference does it make when records are in digital form?

Perspectives on Records and Records Management

Theme.



Prevalent Notion of a Record





Traditional Record Keeping



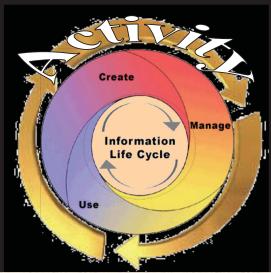


Perspectives on Records



Normative

- "Information created, received, and maintained as <u>evidence</u> and information by an organisation or person, in pursuance of <u>legal obligations</u> or in the transaction of business."
 - ISO 15489



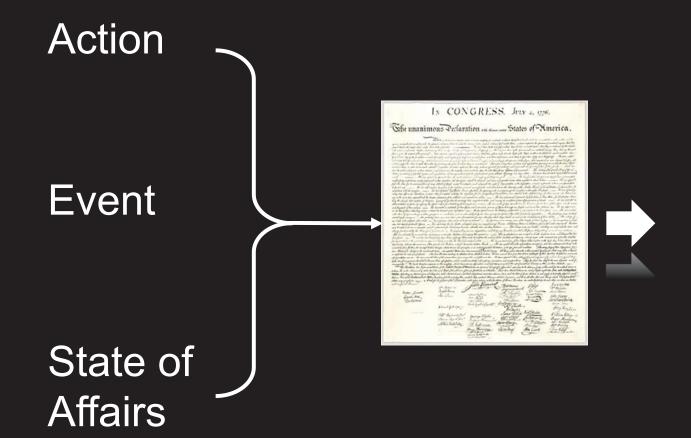
Organic

 "An information object that an actor produces or acquires in its activity and keeps on the belief that the object is likely to have value to the actor in the future."

* K. Thibodeau



Normative Perspective on the Function of a Record



Record as Evidence

Organic Perspective on the Functions of Records Council Call for **Book** Dooide **Application** Form Review Award Protection Notification of Subjects Institutional 10 Processing of Grant Application for Biomedical Research **Assurance**



Normative v. Organic Records Management

- Static orientation towards the past
- Emphasis on evidence as if absolute
 - Subsequent use as
 evidence may be
 independent of the purpose
 for which the record was
 kept.
- Focus on conformance
 - Does it satisfy criteria for "recordness?"

- Action Oriented
 - Instrument or byproduct of activity
- Emphasis on actor's operational needs
 - What do I know now that I will need to know in the future?

- Organic value proposition
 - How can you maximize its value to the record creator?



Best Evidence?

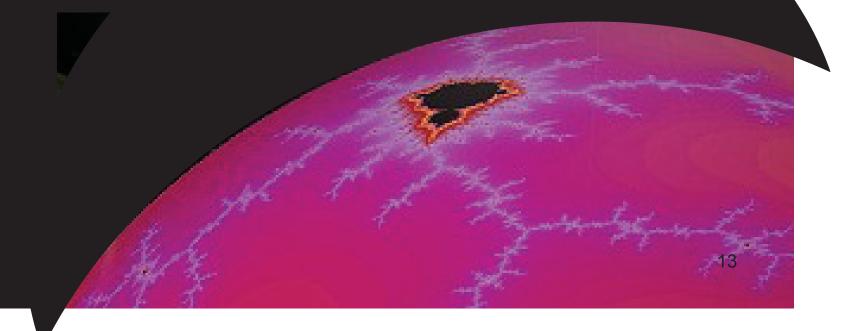




Theme 2

What difference does it make if records are in digital form?

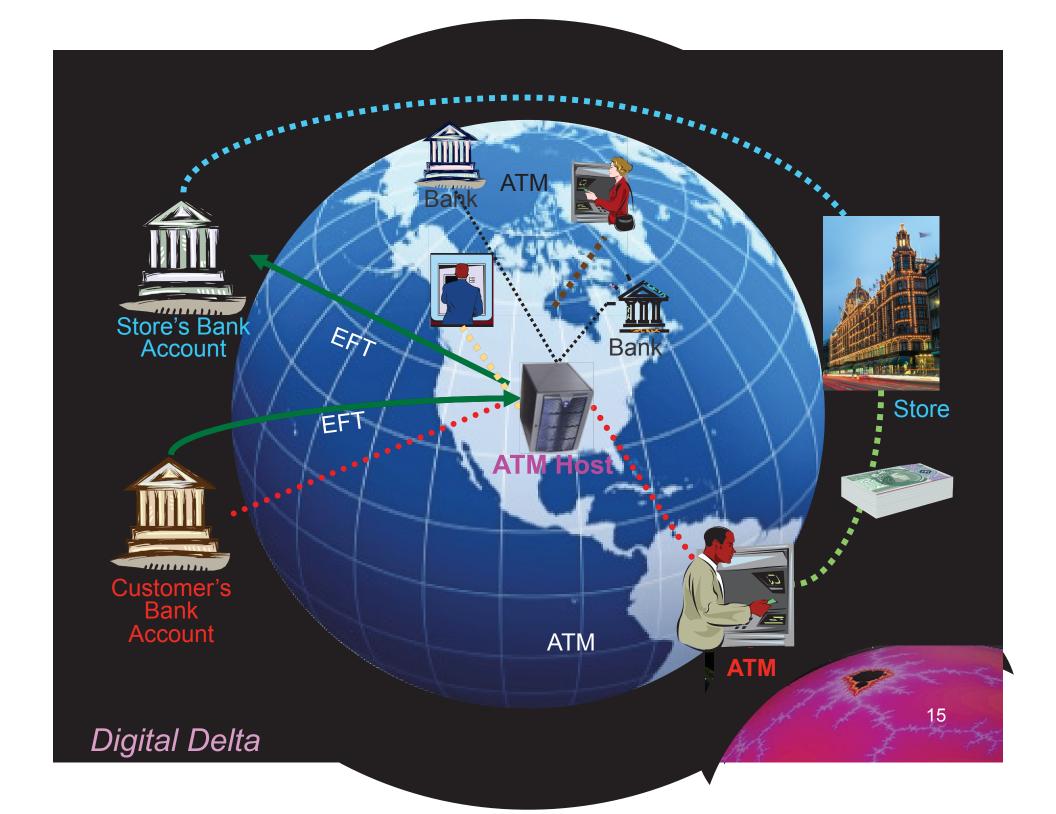
The Digital Delta



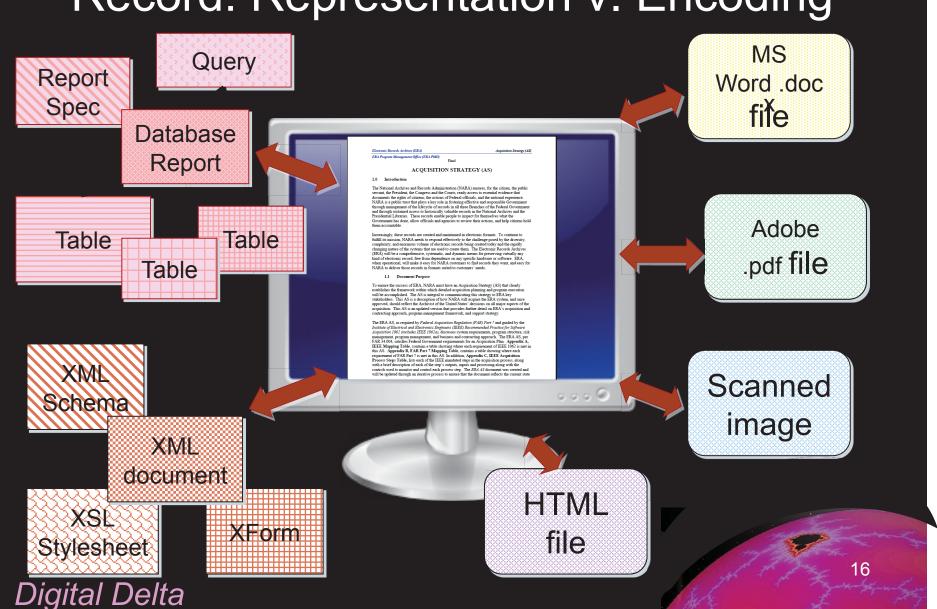
Electronic Records Are Different

Many of the most common types of electronic records are ones that no one expects to see again in the forms in which they were created.

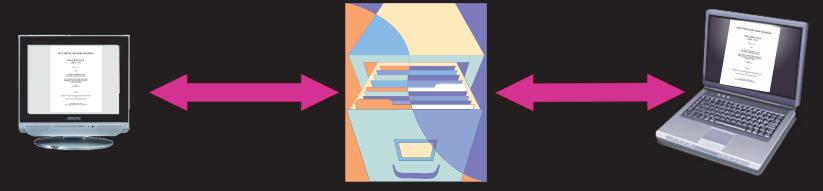
Name one type.



Record: Representation v. Encoding

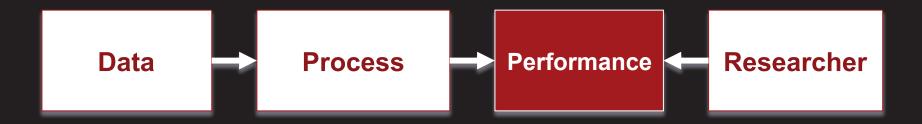


Virtual Filing System for Electronic Records



- An electronic record keeping system is not simply a digital space where records may be stored and retrieved.
- Keeping electronic records requires storage, AND
 - Processing from display format to storage format and back.
 - Processing to organize and manage the records
 - Transformation in physical inscription on media
 - Probable transformation in how the data are encoded.

Australian Performance Model of 'Electronic Record'



"digital records are fundamentally performances and not objects"

i.e., what is presented to a user is not simply something retrieved from a record keeping system, but the result of processing stored data.

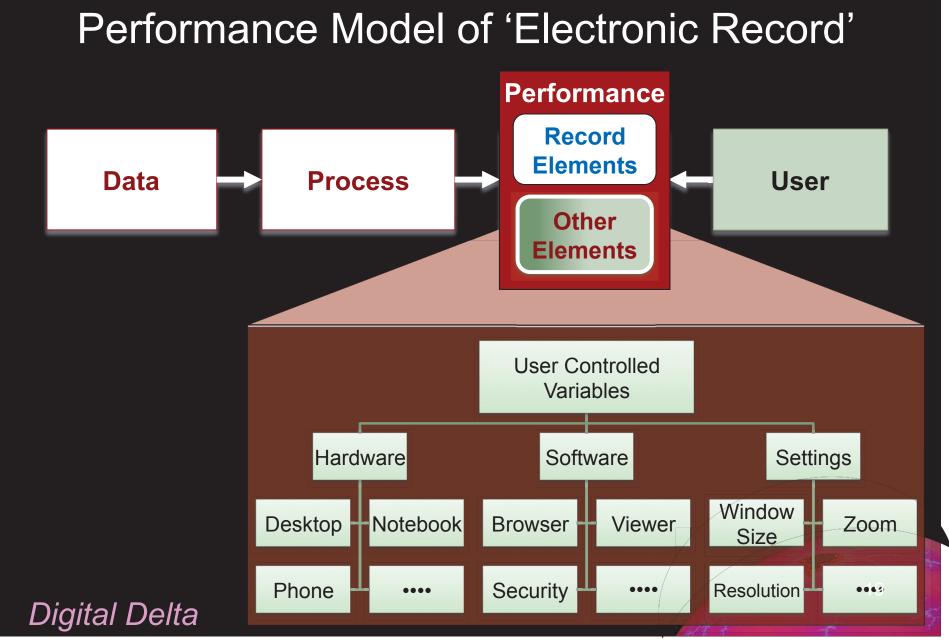
Performance Model – Source and Process Components

Helen Heslop, Simon Davis, Andrew Wilson. An Approach to the Preservation of Digital Records. *National Archives of Australia*. December 2002

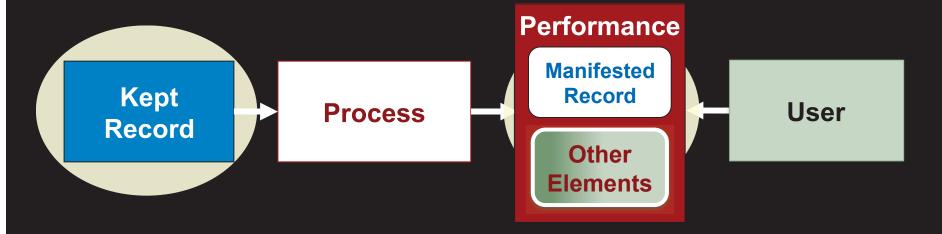
Digital Delta



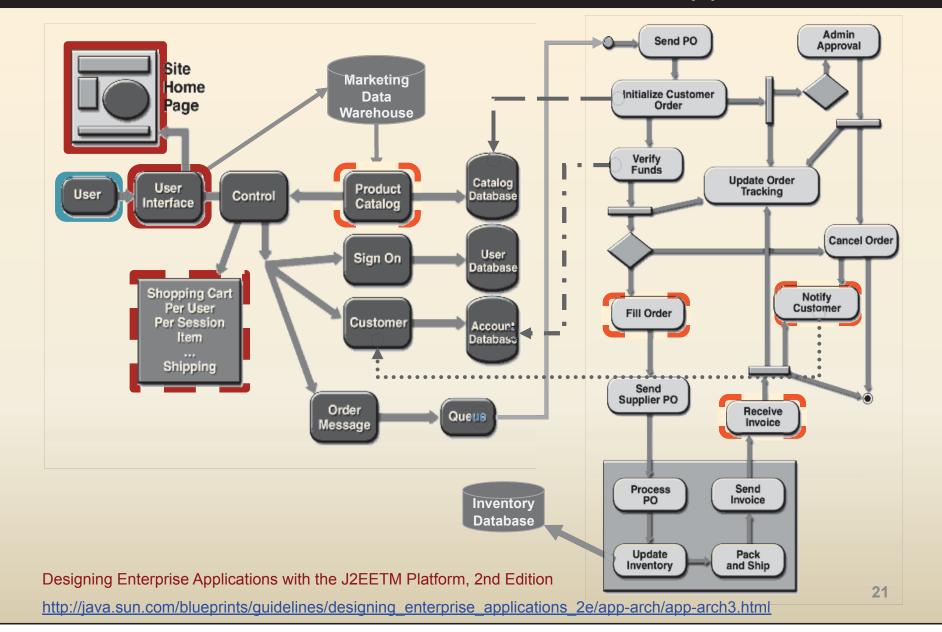
Modified Performance Model of 'Electronic Record'



Duranti-Thibodeau Model of 'Electronic Record'



Information Assets in an Online Sales Application



Online Sales Application Performance



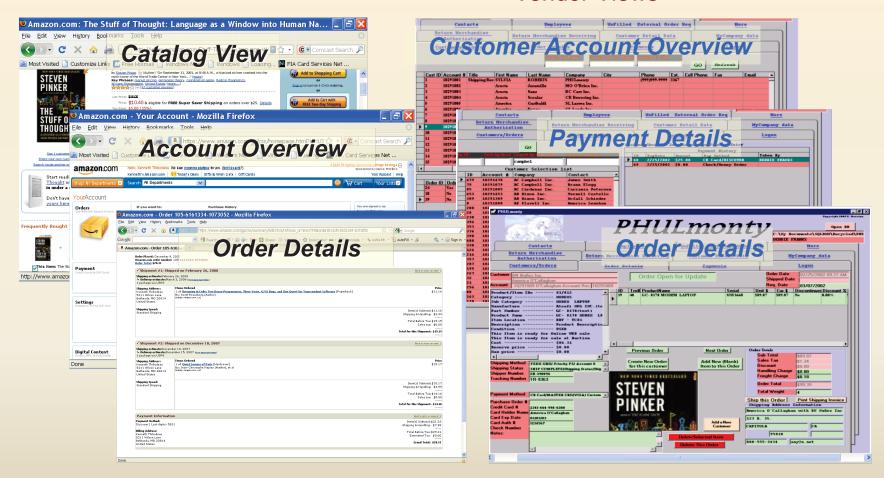
Online Sales Application Performance



Multiple Views from Same Data Sources



Vendor Views



Manifested Record Types



In Process Record

- •Record created over more than one user session, often involving more than one action or transaction. Open to additional data on subsequent actions
- Example: Account

Performance

Manifested Record

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Generated Record

- New Record finalized in current user session
- •Saved in new or modified Kept Record(s) capable of reproducing the essence of the Generated Record
- •Example: New Order



Reproduced Record

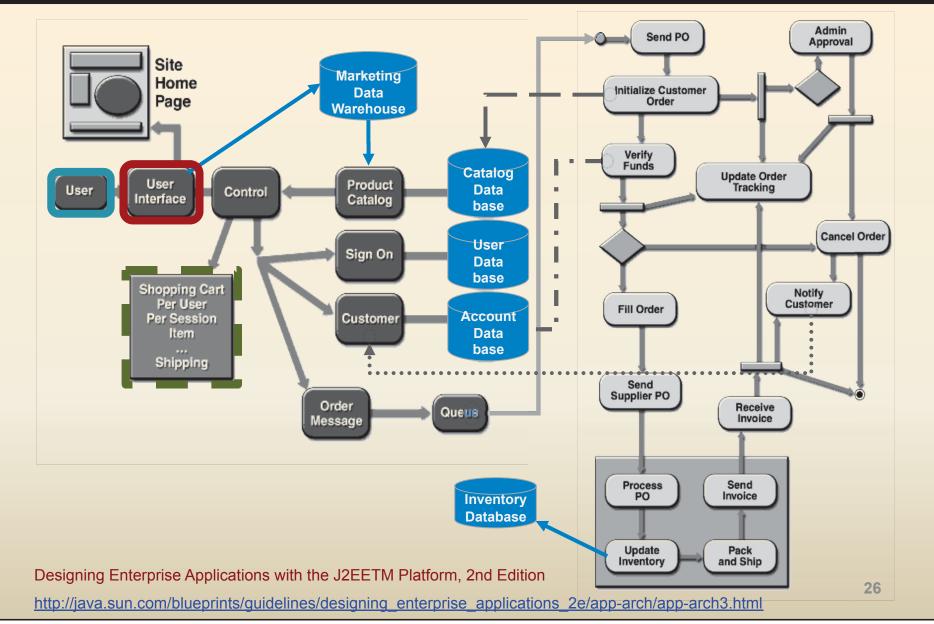
- Previously created record derived from Kept Record(s) with no user addition or alteration
- •Example: Previous Order



Derived Record

- Presentation derived from Kept Record(s) that does not correspond to a record previously made or acquired in the system
- •Example: Shipment Manifest

Kept Records in an Online Sales Application



Composition Data

- Select Content Data
- Determine Form for presentation
- Identify applicable rules

Content Data

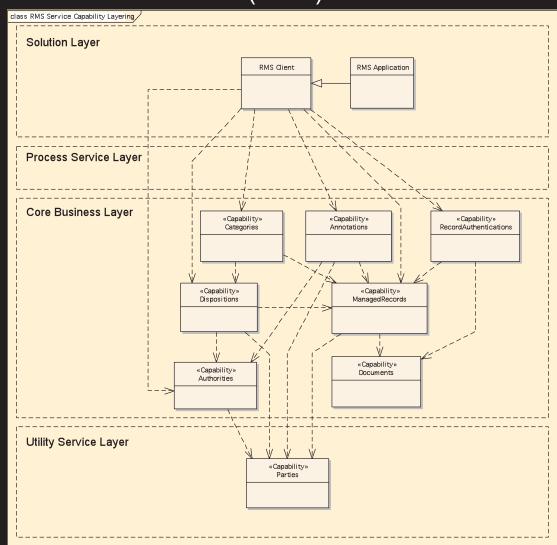
- Data from Kept Record(s)
- External Data
- User Input

Manifested Record

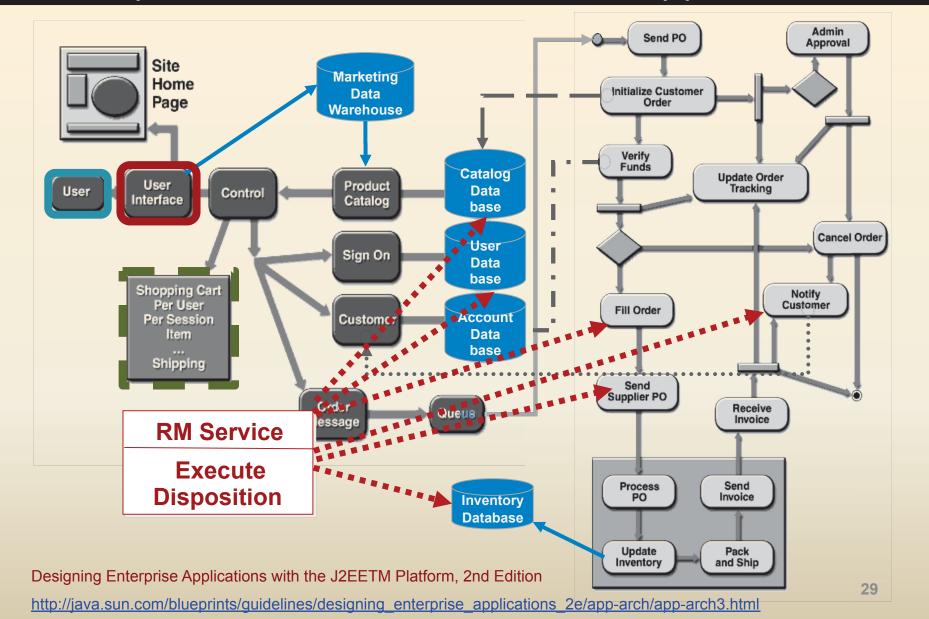
- Specificy how Content Data is presented
- Form Data

- Control access to content
- Associate record with action
- Link record to other records
- •Determine what action may be taken on a record by whom Rules

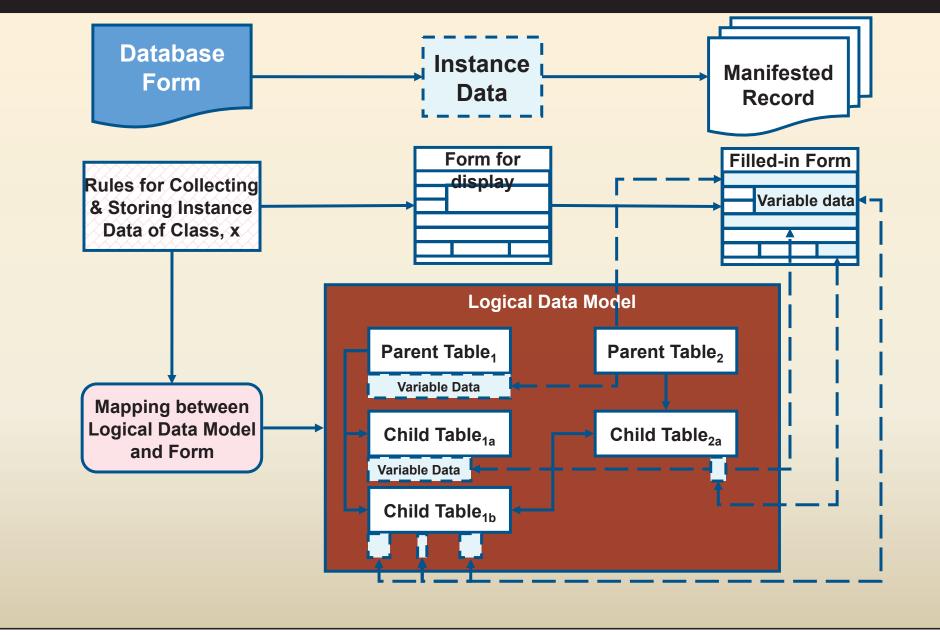
Object Management Group Records Management Services Specification (2009)



Kept Records in an Online Sales Application



Production of Manifested Record from a Database



Information Assets in an Online Sales Application

Pseudo-Document 'PseuDoc'

Shopping Cart

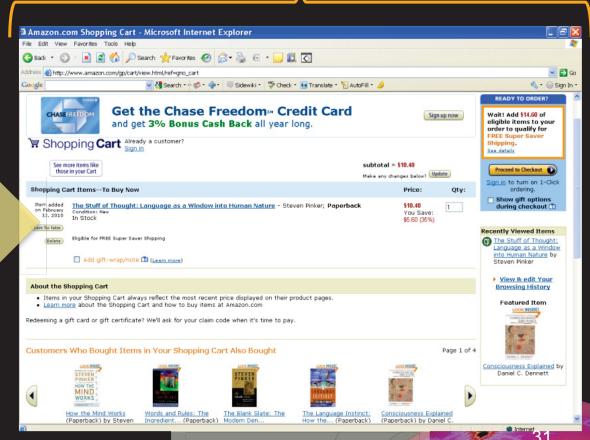
Data about Selected Items

Data about Suggested Items

Controlled Elements of Form

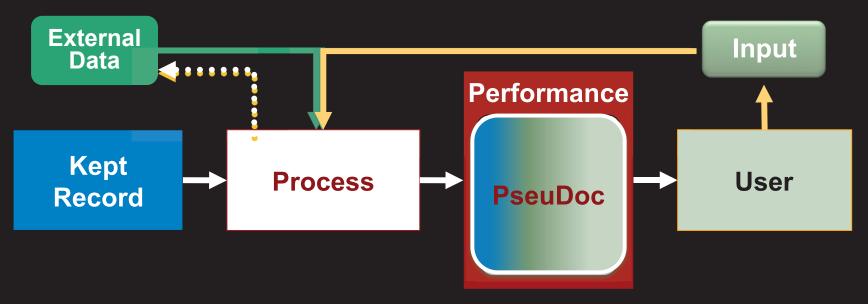
User Selected Items & Data about Items

User Determined Elements of Form



Shopping Cart View

D/T Model of Production of a PseuDoc

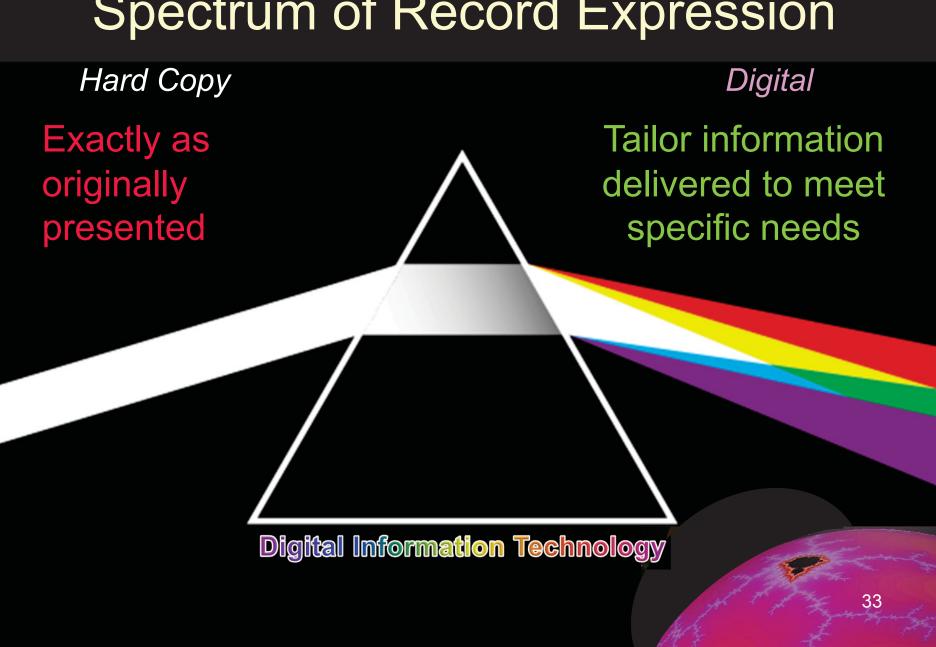


While a PseuDoc is not a persistent document, it may manifest a Kept Record, or parts of a Kept Record, or a combination of (parts of) Kept Records.

PseuDocs may be used in the generation of new records.

Does Records Management responsibility extend to such PseuDocs?

Spectrum of Record Expression



Digital Record Keeping

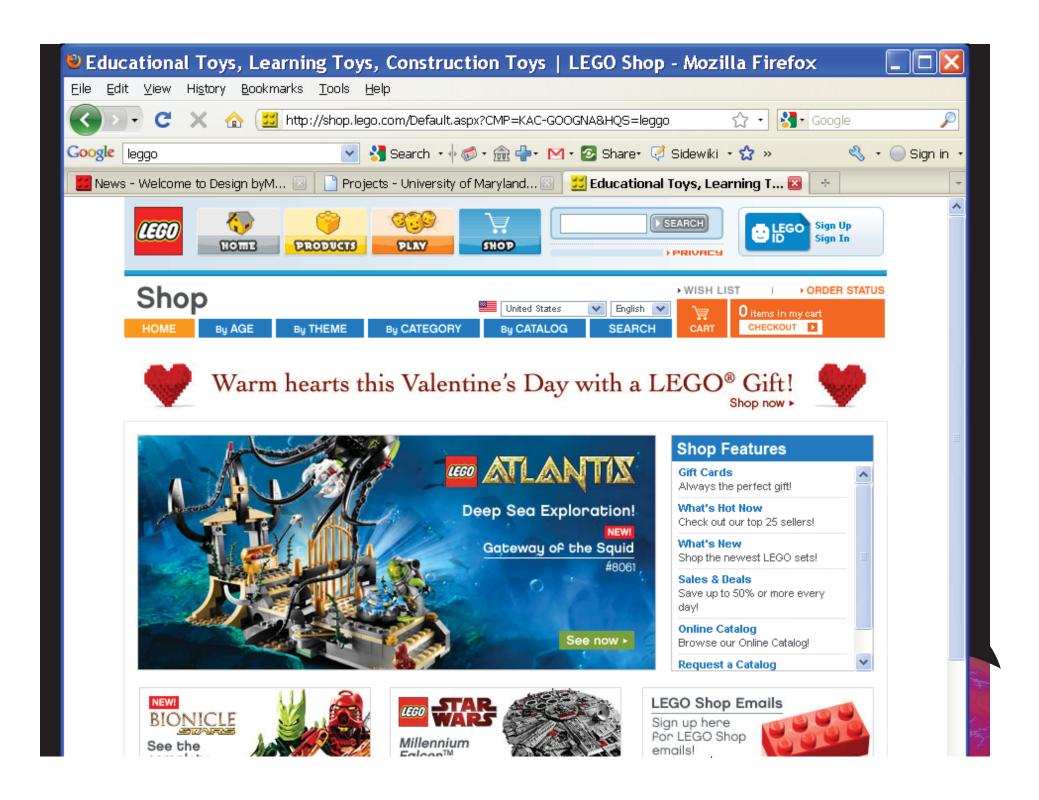
Select relevant information from any Kept Records

Tailor information delivered to meet specific needs

Optimally to meet business need

Digital Information Technology

Digital Delta









Features



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Goodbye Factory! Welcome Design byME!

To match our highly improved experience, it was time to freshen up our looks, and take on a new name... one that will represent better what we are and deliver.

Upgrading to LEGO Digital Designer 3

With improvements on every level, and new functions as grouping, hiding, LEGO Digital Designer makes you feel in charge like never before.

New Box Designer

With our new Box Designer, you will enjoy creating the ultimate home for your model. Decorate with our library graphics, and perfect your design using the tools.



A unique Building Guide

If you prefer handheld instructions; we will generate & include your own unique Building Guide.. showing all the steps needed to make your model.



Better Performance

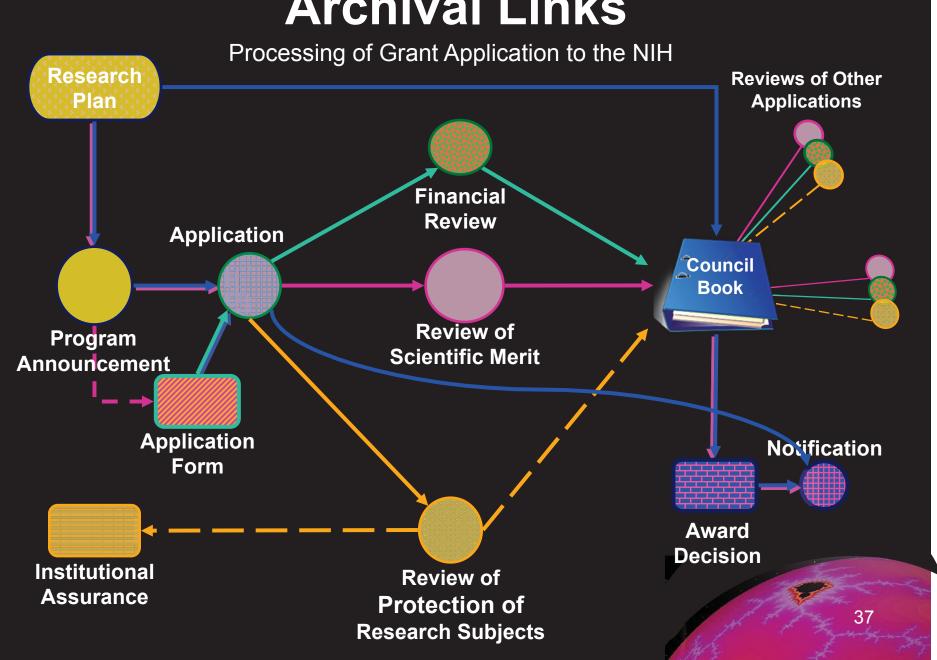
After optimized and clever programming, LDD 3.0 shows off muscle as well as stamina, handling bigger models with no hesitation.



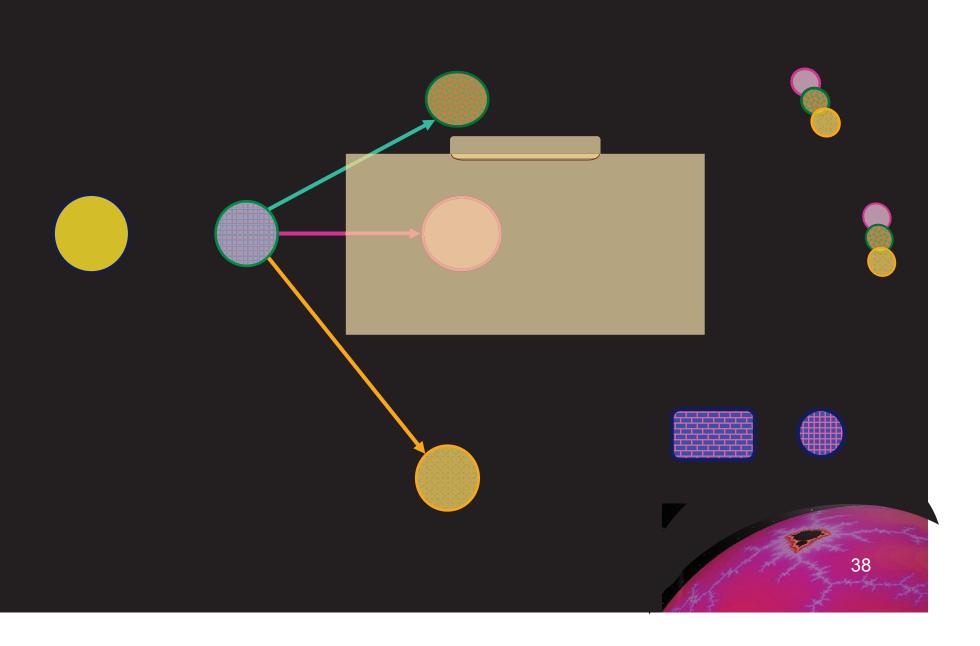
New Missing Brick Replacement

We have listened to your requests, and are happy to offer a quick and easy way of replacing old, unavailable bricks.

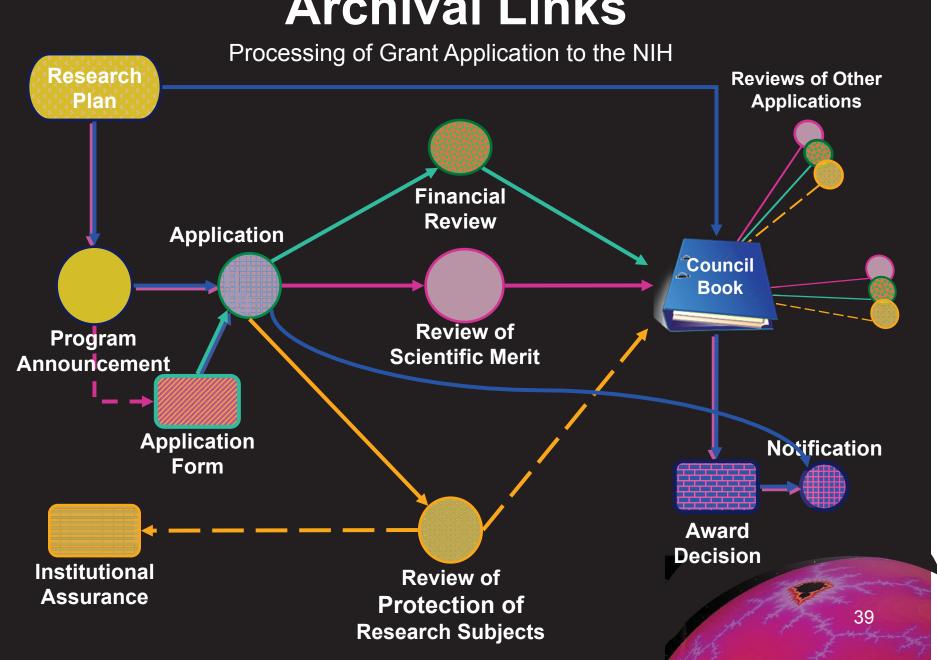
Archival Links



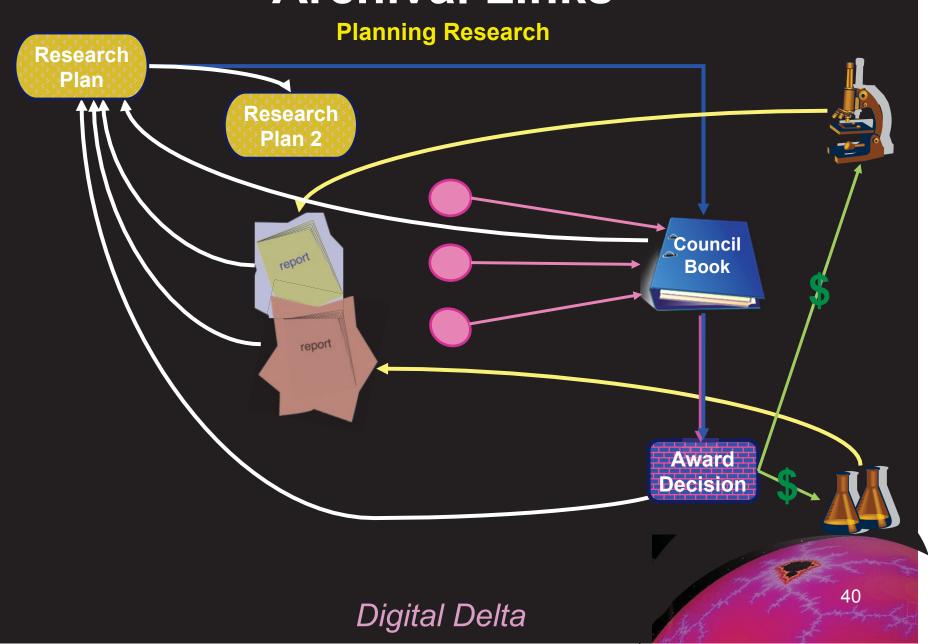
Case File



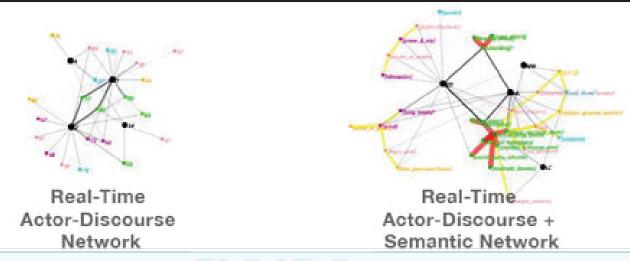
Archival Links



Archival Links



Possibilities for Managing Links



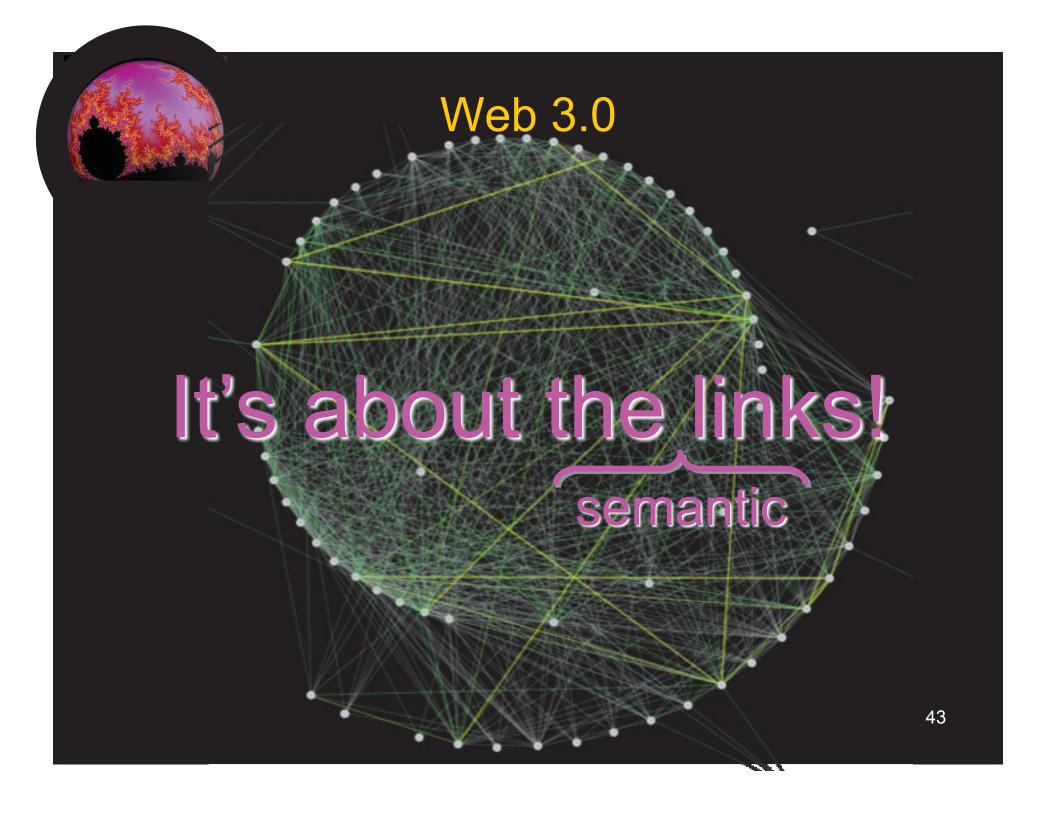
Digital Delta

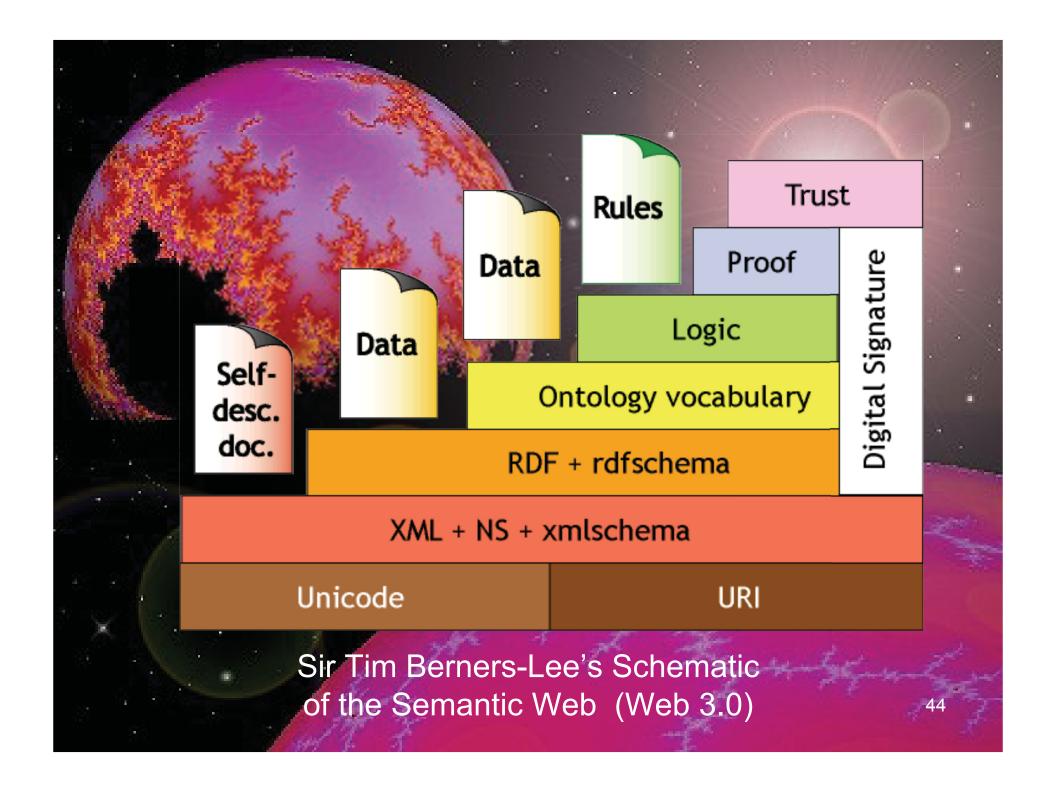
Possibility of managing records not only on the basis of where they are placed or how they are categorized, but also where they go, who uses them for what purposes, and what they mean!

Cumulative Actor-Discourse Network

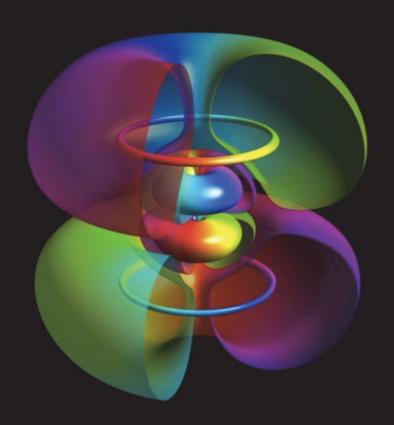
Cumulative Semantic Network







Be Open to New Ways of Thinking



About Records & Managing Records





"Perspective"

