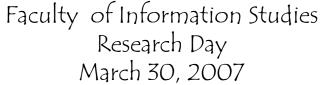
Improving Information Access by Genre Categories







What's in a genre?

Approach: functional - communication acts

"genres are how things get done, when language is used to accomplish them (Martin, 1985)"

"a distinctive type of communicative action, characterized by a socially recognized communicative purpose and common aspects of form" (Orlikowski & Yates, 1994)"

Defined by: purpose, content & form

Focus: digital genre in organizational frameworks,

Making use of genre

Characteristics

- Non-topical document feature
- Context-carrier
- Visual cue

Applications

- Genre analysis as "lens" to study organizations
- Related to work tasks and work process IR matching and ranking
- Orthogonal to topic useful for clustering results
- Structure support summarization and information extraction

Case 1:

IBM software engineering genres

Relationship between work tasks and genres?

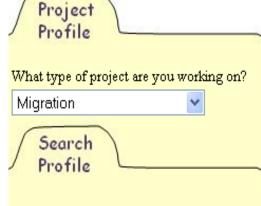
- Genre Taxonomy
 - bottom-up taxonomy of 16 genres
 - "fuzzy" overlapping categories
 - covers ~ 75% of documentary info sources
- Metadata Analysis
 - Relationships between task and genre tags
 - Underlying factors

X-Site Software Services Search

Help About







Find facts What are you looking for?

What is the goal of your search?

compatability Dynamo WAS

Submit Help

About

manual, tech-article

Informix TechInfo Center: InformixLink TechInfo Center - Release Notes

...function CUROSR NAME() has been provided in 4.13 for compatability with the 6.01 release of the products.

Under 4.13, it is a no-...

http://www-306.ibm.com/software/data/informix/pubs/library/notes/relnotes/413ud1.html - [Open in New Window]

cookbook, manual

IBM: RTM VM/ESA Program Directory

...in "Installation with INSTFPP (Non-VMSES/E)" . Note: The VM Release Compatability Information has been moved to the RTM VM/ESA Operations Manual available 6/94. Installation Instructions Installing ...

http://www.vm.ibm.com/related/rtm/rtm_pd.html - [Open in New Window]

manual

tech-article

Window]

5.6.* TLMA_EBA 16478 ATG Dynamo 4....

http://pokgsa.ibm.com/~cweyl/public/components.html

...15295 Atlaire Jrun (SUN) 3.0.* TLMA EBA 15296 ATG Dynamo (SUN) 5.1.* TLMA EBA 15297 BEA WebLogic

(SUN) 5......TLMA EBA 16475 APC 9.0.* TLMA EBA 16476 ATG Dynamo 5.0.* TLMA EBA 16477 ATG Dynamo

http://pokgsa.ibm.com/~cweyl/public/components.html - [Open in New Window]

IBM Web Sphere Developer Technical Journal: Migrating to IBM Web Sphere Application Server

...as they went along. One first generation application server, ATG **Dynamo**, implements server-side applications with

JHTML, Droplets, FormHandlers and apace with the standards. If you're migrating from ATG Dynamo to IBM

WebSphere Application Server, all is not lost; a ...

http://www-128.ibm.com/developerworks/websphere/techjournal/0107 beaton/beaton.html - [Open in New

best practice, tech-article

Migrating to IBM WebSphere Application Server - Part 2: Stages of Migration ... NetDynamics, are being phased out of existence. Others, like ATG Dynamo and Gemstone/J, are changing their

business model to provide services ... http://submit.boulder.ibm.com/wsdd/techjournal/0110 beaton/beaton.html - [Open in New Window]

best practice, tech-article

Migrating to IBM WebSphere Application Server -- Part 3: Migration Assessment

...so-called first generation application servers like NetDynamics or ATG Dynamo, very little of the view and controller (the "V" and "... http://submit.boulder.ibm.com/wsdd/techjournal/0205 beaton/beaton.html - [Open in New Window]

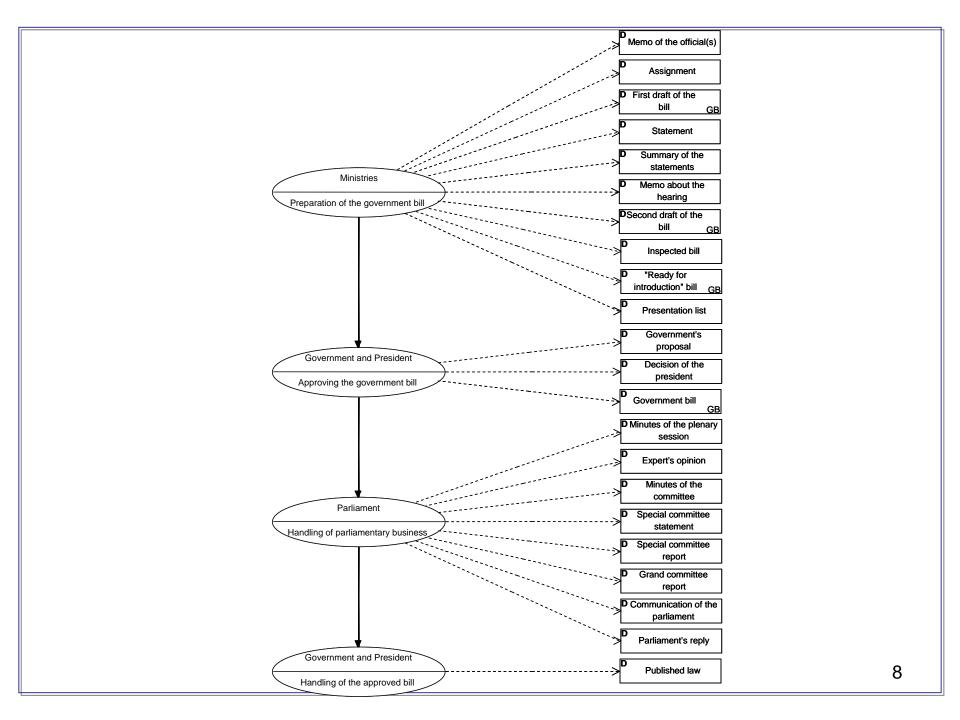
Case 2: The Finnish Parliament

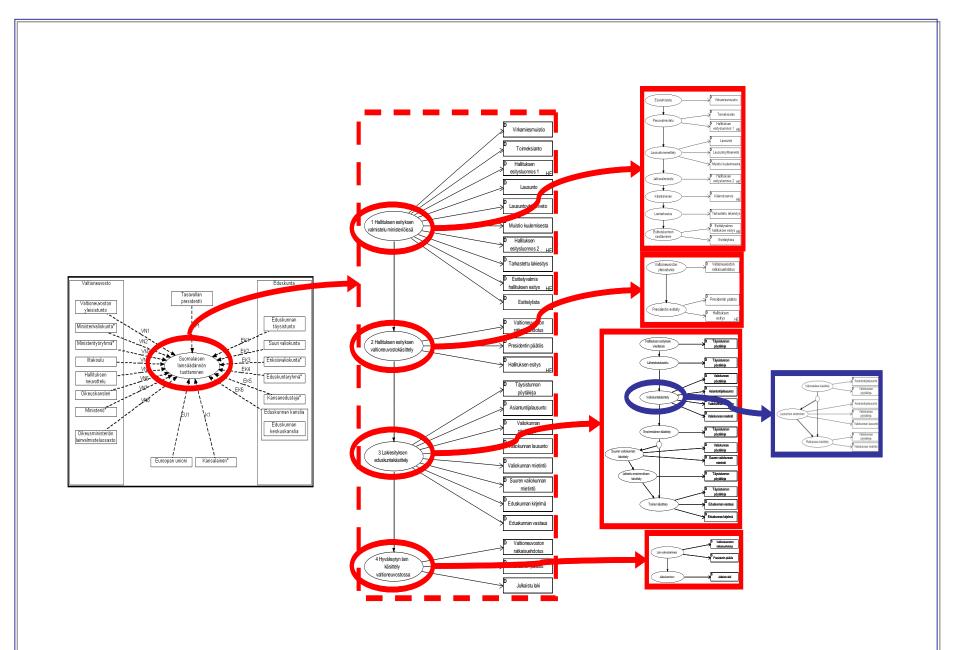
By the RASKE analysis methods we have analyzed

- inter-organizational and intra-organizational work processes in the legislative work
- organizations and people as actors in the processes
- documents and their metadata
- systems in the processes
- needs of organizations and people
- types of metadata

The analysis has provided

- organizational framework model
- document-relationship diagrams
- various process models
- document-actor matrixes
- role models
- metadata graphs





Results from the RASKE projects

- Information about business processes provides important contextual metadata.
- The contextual metadata is useful when accessing information from documents created in the processes.
- Contextual metadata can be provided in user interfaces, for example, by graphical models.
- Users find graphical models useful but implementation is difficult.

Yates and Orlikowski (2002) suggested analyzing genres and genre systems by six questions: Why, What, Who, When, Where, How (5W1H).

- A business process as communicative and collaborative action can be regarded as a genre system.
- Would 5W1H analysis of a business process provide a genre taxonomy useful in information retrieval?
- How to study the usefulness?
- Comparison of the software engineering process and legislative process: What are the similarities? What are the differences?

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