

Requirements for CIS in IS&R evaluation tasks

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Introduction

- Investigate the collaborative requirements in a real work situation
- Identifying CIS aspects needed to be supported in a design process
- Setting – CLEF Evaluation Campaign (similar to the TREC environment)

Methodology

- Setting: CLEF evaluation campaign
- CLEF different Labs and sub-tracks
- Questionnaire to all lab-organisers and a set of participants
- Classification of answers

Results

- The investigation identified
 - Categories of users
 - organizers, experiment participants, relevance assessors, topic creators, site administrators.
 - Categories of tasks
 - Different for different types of user categories
 - Identified needs and
 - Related to user/task
 - Support for collaboration
 - Related to user/task/need

Example : Organizer

- **- Preparation of DATA**
 - Creating copyright forms, Data on which tasks are available in a specific year, Create metadata forms to collect metadata
- **- Add DATA**
 - information about the specific track on tasks and collections
- **- View COLLECTION**
 - data collection statistics, documents, metadata, language distributions, citations, classifications, annotations, images, case description
- **- CREATE topics/information needs**
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- **- VIEW User data**
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- **- HANDLE submissions**
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- **- RUN evaluation**
- **- GATHER and COMBINE results**
- **- UPLOAD results**

Example: Identified Need

Identified Need #1:

The procedure and standards of *preparation of data* to other track organisers (participants, assessors, topic creators and visitors (other researchers) in order to *discuss* and *prepare performance measures* and *statistical analysis* and *scientific paper publication*.

Example: Support needed

Support for collaboration:

Allow the organizers to collaborate with the other users

- within a specific track as well as
- between other organizers in other tracks
- tools that allow organisers to define and prepare relevant
- measures for a task and to be able to communicate this to other actors such as participants, assessors, topic creators and visitors
- tools that enable statistical analysis of different data in a collaborative environment. For example, single participants could compare their analysis with other participants.

Summary

- Exploratory study described a way of capturing requirements for collaborative information situations in an IR evaluation setting.
- Different participants, tasks and sub-tasks were identified
- Different needs for collaborative support was
- identified and how these needs could be supported was proposed.