

Introduction to Pre-established semantic queries

Wiki Task Force Meeting

Porto

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Types of queries

Semantic queries

Pre-established

On-demand

DSS

Lessons-learned

Case studies


Problem types/country reports

Multi-resource requeries

Methodology for identifying Pre-established queries **for DSS**

1. Identify types of users; Prioritize properties in the perspective of each type of user -> Google docs
2. For each type of user filter properties with high and very high priority (4, 5)
3. Show the list and brainstorm to propose the query phase (and the query syntax) and the query report

Types of users



Should have a
unique list of
users...

- Decision maker/user/Policy maker
- Analyst/Developer with specific interests in DSS architecture (WG1)
- Analyst/Developer with specific interests Models and methods (WG2)
- Analyst/Developer with specific interests in KM (WG3)
- Analyst/Developer with specific interests in Participatory planning (WG4)

Decision maker/user/Policy maker

Name

Institutional framework

Temporal scale

Spatial context

Spatial scale

Objectives dimension

Goods and services dimension

Decision making dimension

Number of real-life applications

Status

Price

Input data requirements

Supported KM processes

Adaptation effort (man years)

Online demo

Manual

Decision maker/user/Policy maker

Have a problem type in mind?

yes

Choose the problem

no

1. Which are the DSS that have been developed/used to address that problem?

2. Which are the DSS developed to address that problem that support KM processes?

3. Which are the DSS that have been used in a country?

1.1. ... compare them in respect to data requirements

1.2.... Compare them in respect to user support and user documentation

1. Which are the DSS that have been developed/used to address that problem?

- Syntax
 - Status (37) <> “not used” AND N^o real life applications (32) <> “0”
- Report
 - Title: Problem type (17-21,25)
 - Name (5), Country (?), Institutional framework (9), Number of real-life applications (32), Status (37), Price (40)

1.1.. ... compare them in respect to data requirements

- Syntax
 - ... presented by values of data requirements (48)
- Report
 - Title: Problem type (17-21,25)
 - Matrix with Name (5) in lines and values of data requirements (48) in columns

1.2. ...Compare them in respect to user support and user documentation

- Syntax
 - ... presented by values of data requirements (48)
- Report
 - Title: Problem type (17-21,25)
 - Matrix with Name (5) in lines and values of data requirements (48) in columns

2. Which are the DSS developed to address that problem that support KM processes?

- Syntax
 - ... presented by values of data requirements (48)
- Report
 - Title: Problem type (17-21,25)
 - Matrix with Name (5) in lines and values of data requirements (48) in columns

WG4 query examples

Question 1: “Is the DSS useful for defining the problem?”

[[Participatory planning tasks supported::Defining the problem]]

?Stakeholder identification support

?KM

?Planning criteria formulation tools

?FM goals

?MCA methods

Question 2: “Is the DSS useful for exploring options?”:

[[Participatory planning tasks supported::Exploring options]]

?G&Y models

?Operation models

?carbon models

?Optimisation methods

?2D visualisation of results

?3D visualisation of results

Question 3: “Is the DSS useful for evaluating the options?”

[[Participatory planning tasks supported::Evaluating options]]

?Optimisation methods

?MCA methods

?GDSS methods

Question 4: “Is the DSS useful for monitoring and evaluation of the planning process”

[[Participatory planning tasks supported::Monitoring and evaluating the planning process]]

?How is the DSS used in monitoring and evaluation of the planning process?

Question 5: “Is the DSS useful for monitoring and evaluating the outcomes”

[[Participatory planning tasks supported::Monitoring and evaluating the outcome]]

?How is the DSS used in monitoring and evaluating the planning outcomes?

Linking resources

