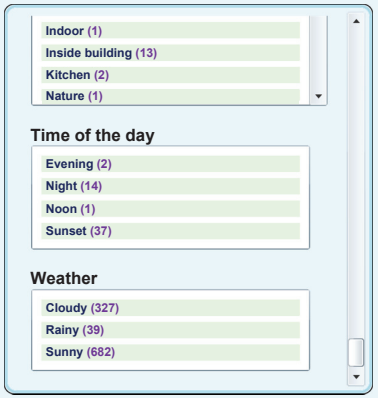
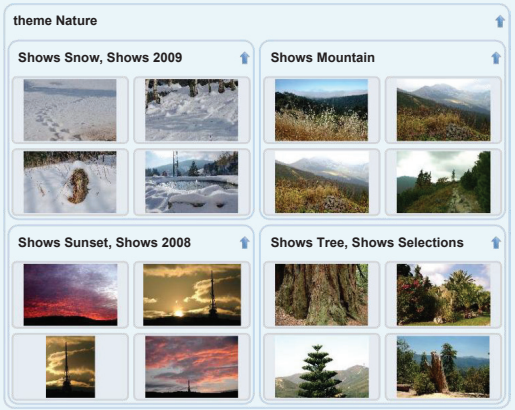
Semantic Web Navigation Based on Adaptive Views

Karol Rástočný

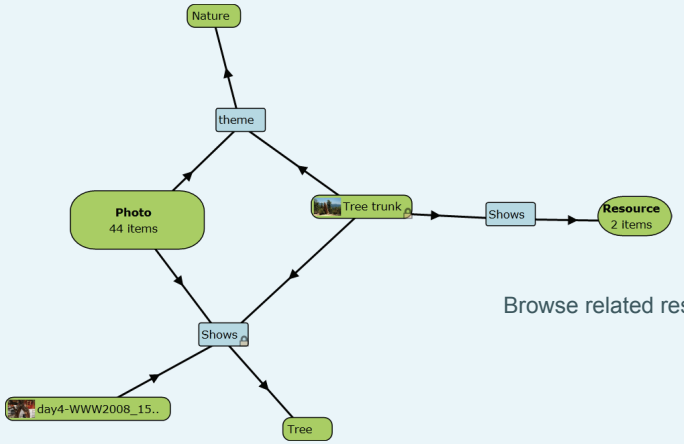
Supervisor: Dr. Michal Tvarožek



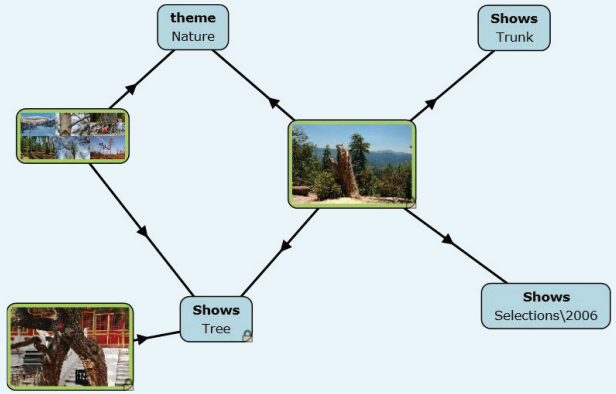
Refine query



Display result details



Browse related resources

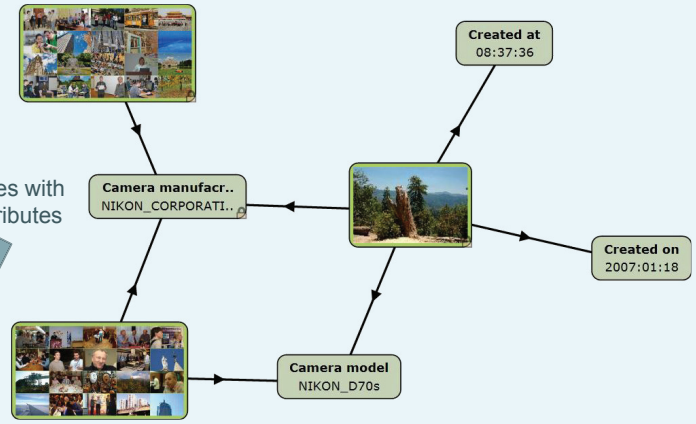


Users actions during navigation in Web repositories:

1. *Build query* – Faceted browser
2. *Identify desired results* – Hierarchical cluster view
3. *View result* – Adaptive detailed view
4. *Browse related resources* – Zoom-based Graph Navigation
   a) Literal attribute graph view
   b) Object attribute graph view
   c) Restricted RDF graph view
   d) Full RDF graph view

Browse resources with similar object attributes

Browse resources with similar literal attributes



Institute of Informatics and Software Engineering
Faculty of Informatics and Information Technologies
Slovak University of Technology in Bratislva