



# QVIZ

Query and context based  
visualization of time-spatial  
cultural dynamics



salzburg|research



# Challenges addressed

- Presentation of archival information is so complex and disparate that easy access is restricted
- End-user knowledge is often neglected

# QVIZ solution

- Visualizing and querying archival resources by a time-space interface based on maps and emergent knowledge structures
- Integrating social software in order to utilize knowledge in existing and new communities of practice

- Umeå university, Sweden
- Salzburg Research Forschungsgesellschaft mbH, Austria
- Regio Ltd, Estonia
- University of Portsmouth, UK
- Swedish National Archives, Sweden
- National Archives of Estonia, Estonia
- Telefonica I+D, Spain

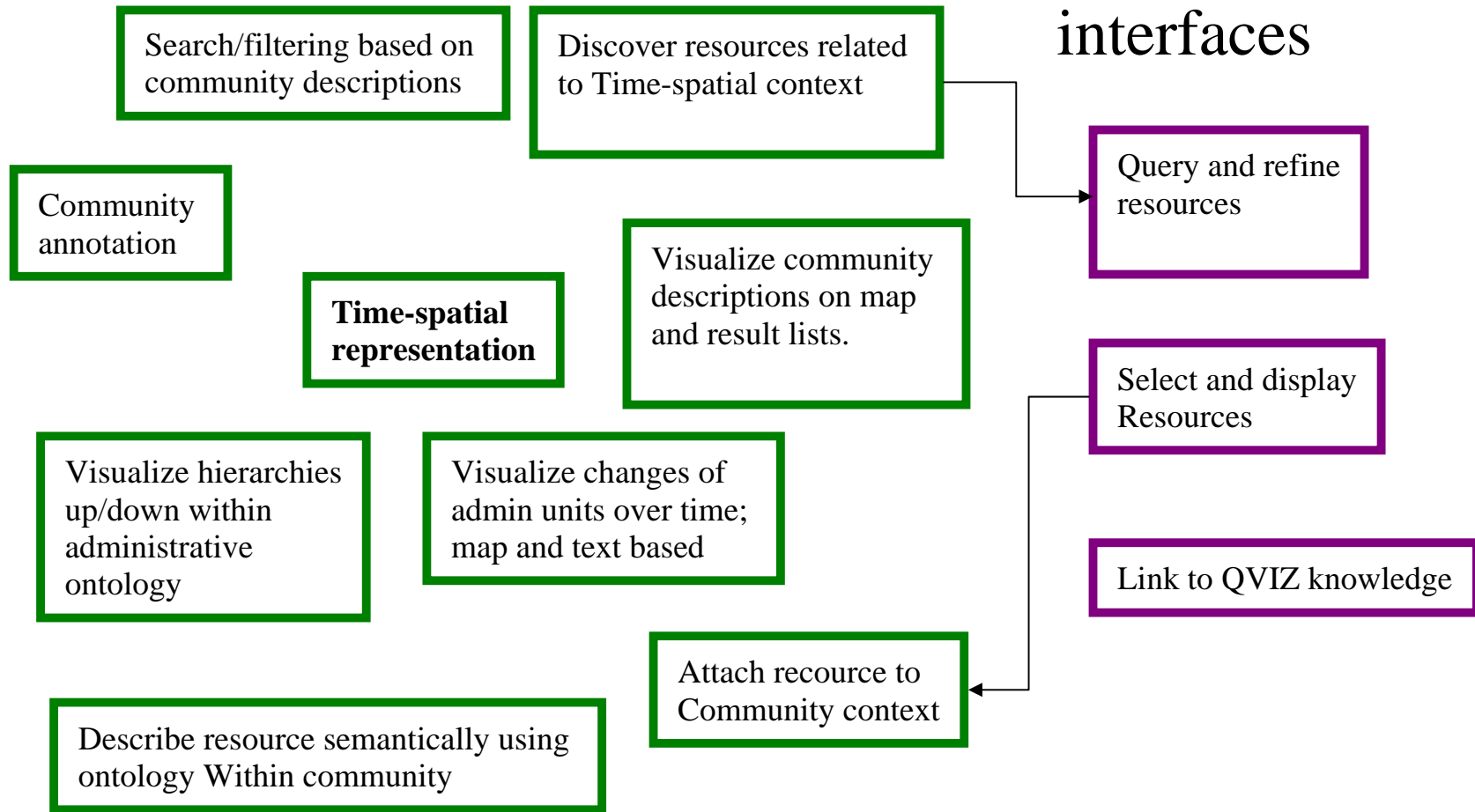
# Work in Progress

- State of the art-analysis
- Defining user groups
- Describing user scenarios
- Early mock-up interface design
- Integration QVIZ – archival user systems



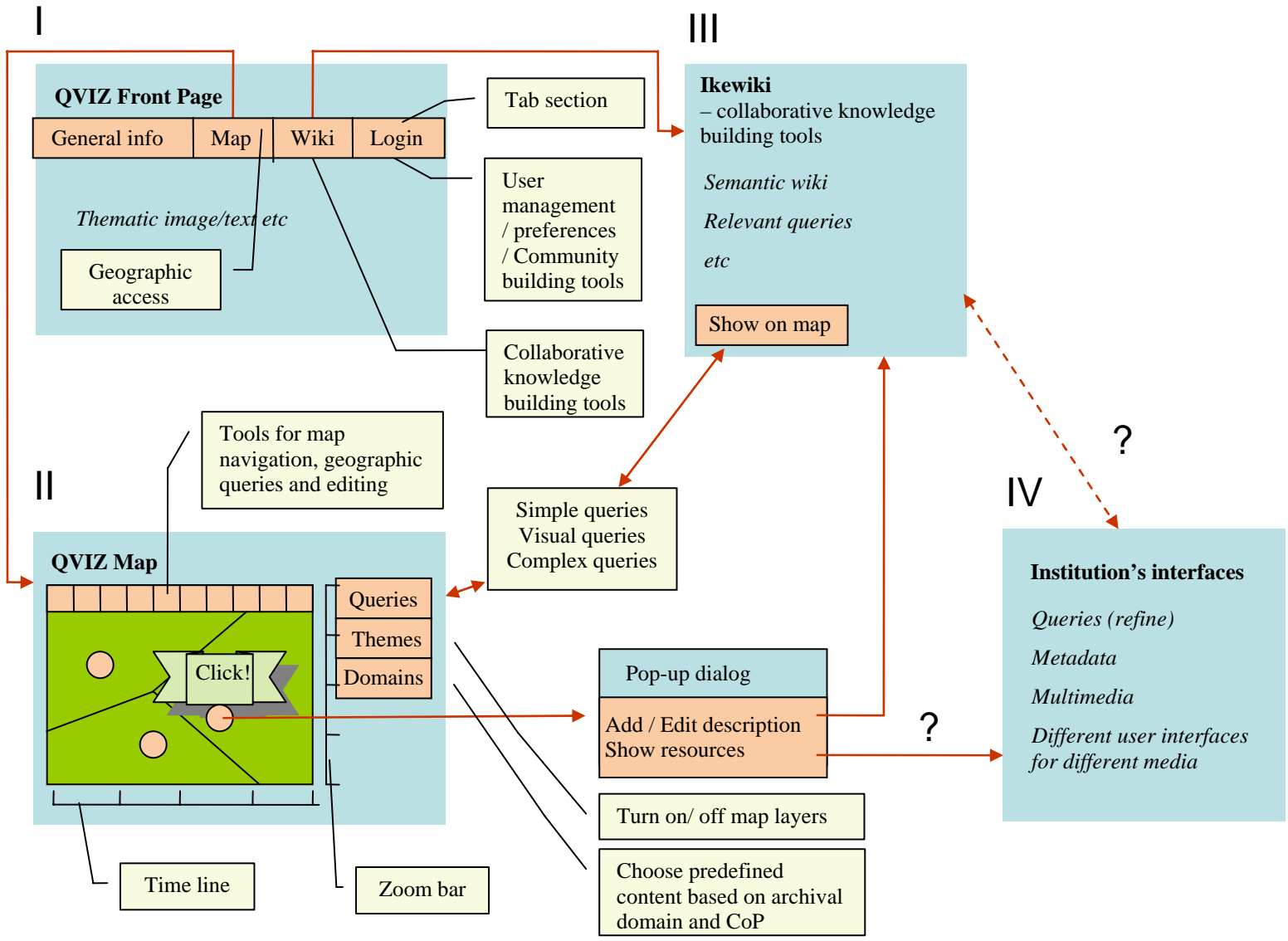
# QVIZ interface

## Institution's user interfaces





# QVIZ: Concept Mock-up (Regio)



# Implementation

- Knowledge technologies from Metokis
- Social software from IkeWiki
- OGC framework for geographic visualization
- Ontologies for administrative units (ADL, OWL)

# Issues under discussion

- Access and linking strategies
- Information exchange issues
- Business models
- Contents rights issues

# QVIZ results

- improved information sharing and knowledge creation
- easier access to information in a user-adapted context
- innovative ways of exploring and visualizing materials over time, between countries and other administrative units
- larger commercial market based on archival materials



[www.qviz.eu](http://www.qviz.eu)