

Outline of remaining requirements for ICE-RS for 2007 Q3 and Q4

This document outlines the remaining requirements for the ICE-RS project as outlined in the DEST funding application along with an overview of the tasks in order to meet the requirements.

Software functionality

- To add features to the ICE software to aid in research workflows, chiefly indexing of full-text and document metadata.
- Add full-text indexing with title and subject indexed for resource discovery.
- Add an annotation / voting / approval system for collaborative editorial review processes (not peer review in the formal sense)
- Allow documents to be labeled with states such as 'first draft' or 'submitted for examination' so that dashboard reporting systems can be used to summarize the state of a set of working documents.

Tasks

- Implement full text indexing – add context searching
- Add functionality to capture DC meta-data.
This should allow users to add whatever is required and functionality to have predefined required meta data such as 'status' or author etc. This should also include tagging.
- Server side version of ICE (requires multi-threading), within Apache and has tagging (as del.icio.us)
- Threaded annotations (server and client side)
- info button: summary page
- Single document export

Investigative development and research

- Demonstrate a proof of concept 'dashboard' for universities and research centres (done in harmony with the RAMP project's broader scope).
- Develop proof-of-concept repository ingest for Fez / DSpace / Vital (the recommended Institutional Repository software coming out of the FRODO projects) for ICE documents.
- Ensure that documents are inter-operable between ICE and DSWB. Digital Scholars Workbench -find info about status (retired)

- Build a 'Deposit this' button for ICE to DSpace ingest
- Build an ICE to VITAL single-click 'Deposit this' button
- Demonstrate granular indexing of content within documents, for example being able to search research goals and compile summary documents.
- Develop demonstration 'Dashboard' reporting for university service departments, based on a needs analysis.
- A demonstration of institutional 'dashboard' functionality, allowing reporting on research activities from the corpus of research documentation, as well as via RAMP software.
- Integrate with MAMS security projects, and RAMP to allow fine-grained control over access to resources and parts of resources. - Contact

Tasks

- Add tagging functionality to ICE
- Investigate SWORD as RAMP is not active enough after August release
- Run workshop in September for SWROD implementation
- Liaise with MAMS project staff about integration
- Implement more polished version of ICE Vital module with the main code + documentation
- Decide on what metadata to start storing, DC etc and using URI's for such things as authors names etc
- Publish a dissertation to UNE's repository

Communication and Dissemination

- Produce 'how to' guides for writing-up research using the ICE template.
- Develop proof-of-concept ICE template to article / book formatters for one or more publishers or conferences.
- Develop a set of guidelines for using bibliographic software with the ICE template.
- Guides and training materials to enable universities to add ICE to their research workflows.
- Hold introductory workshops with pilot users
- A major ICE-RS event will be held to demonstrate project outcomes to the wider higher education community.
- Marketing to the research community will be done via a series of campaigns primarily aimed at Research Centre and Faculty researchers and administrators.

Tasks

- Write an ICE-RS toolkit to include:
 - How to guides for writing-up research using the ICE template
 - Guidelines for using bibliographic software with the ICE template
 - Guides and training materials to enable universities to add ICE to their research workflows
- How to guide for creating a article and book formatting for e-JIST
- IDEA 2007 roadshow August 2007
- IDEA 2007 workshop in October
- Clever Collection ICE workshop in November 2007
- Enter the [global 2007 Learning Impact Awards](#)