Proceedings of the IATUL Conferences   2014 IATUL Proceedings

Jun 3rd, 12:00 AM

The Library as a Part of Research Development Work

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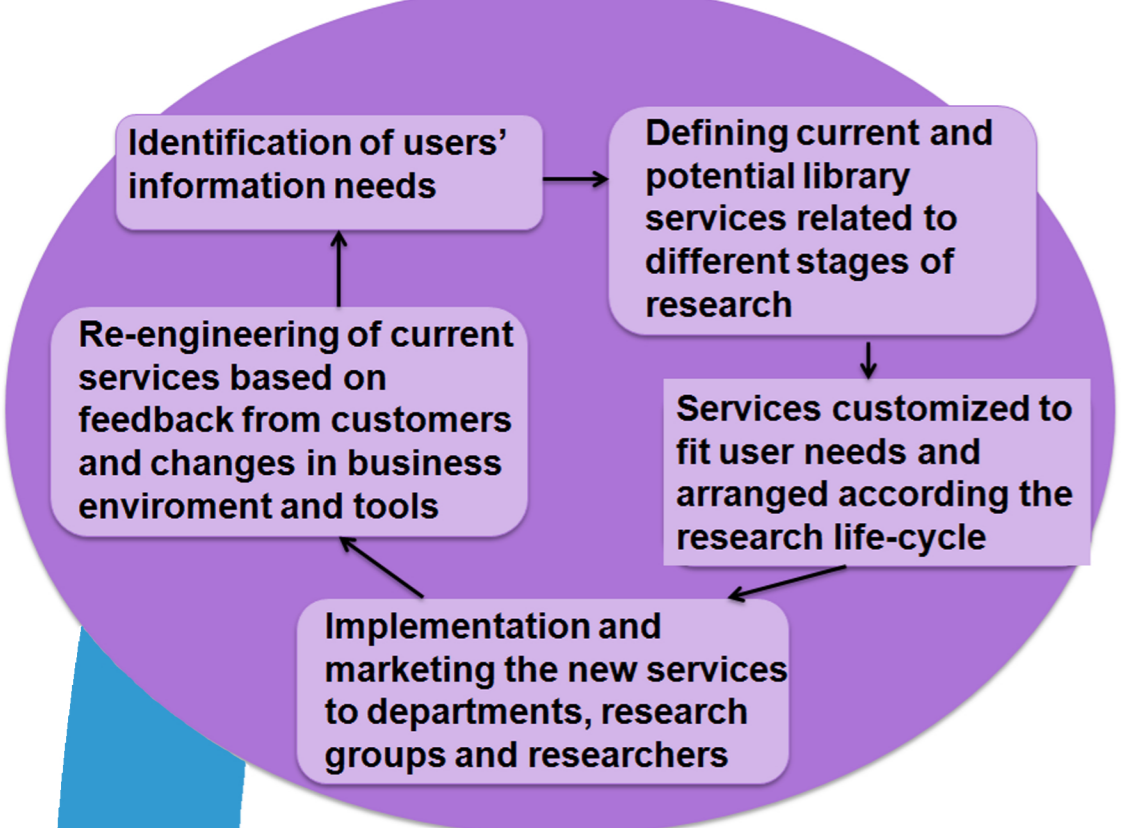Finland

Impact and visibility

Development of a new library research support service structure based on the research life cycle model: Conclusions

New approach to the development of library's research support services was created in collaboration with the TUT Library and the TUT research administration. Networking nationally and internationally also generated competence and innovation for the development work.
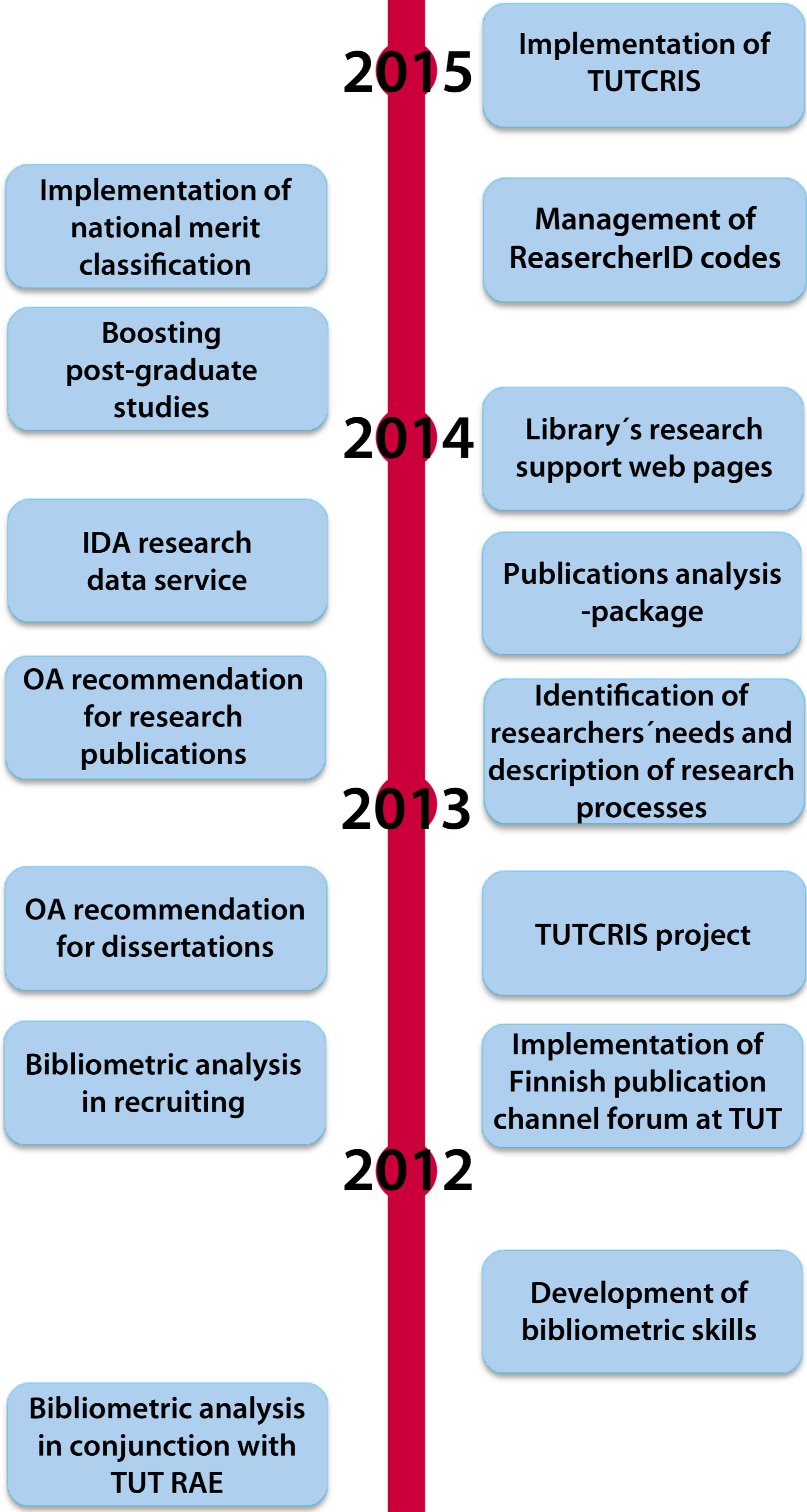
The new approach benefits the development of the library's research support services by providing a standardized, customer-oriented and robust frame model that is independent of research areas. The services might change, but the research life cycle frame model does not need to be changed.

Agile methods were adopted for the development which made it possible to take customer needs into account, to redesign the services and to adopt the new services flexibly without changing the frame model. The ongoing procurement of a new current research information system (CRIS) managed by the library brought deep knowledge of the research processes and encouraged the library to adopt the research life cycle model for the basis of the library's research support services structure.

Development of a new library research support service structure based on the research life cycle model

- Identification of users' information needs
- Defining current and potential library services related to different stages of research
- Re-engineering of current services based on feedback from customers and changes in business enviroment and tools
- Services customized to fit user needs and arranged according the research life-cycle
- Implementation and marketing the new services to departments, research groups and researchers

TUT Library web pages

Timeline

2015
- Implementation of TUTCRIS
- Management of ReasercherID codes

- Implementation of national merit classification
- Boosting post-graduate studies

2014
- Library's research support web pages
- Publications analysis -package

- IDA research data service
- OA recommendation for research publications

- Identification of researchers' needs and description of research processes

2013
- OA recommendation for dissertations
- TUTCRIS project

- Bibliometric analysis in recruiting
- Implementation of Finnish publication channel forum at TUT

2012
- Development of bibliometric skills

- Bibliometric analysis in conjunction with TUT RAE

2011

TUT Library Research Support Services

Researcher Skills	Bibliometrics	CRIS
Tools for development of publishing activities	Bibliometric analyses in RAE and recruitment and other evaluations	Management of research outputs
Bibliometric profile for researchers	Analyses of co-operation and networking and dynamics of scholarly publishing	Validation and quality assessment of metadata
Researcher's bibliometric indicators and identification numbers (ResearcherID, ORCID, Scopusid)	Support for researchers in bibliometrics	Internal and external reporting
Choice of publication channel and publication channel forum and open access knowledge	National and international cooperation in bibliometrics	Data model and classifications
Visibility in networks and social media services (Google Scholar, Mendeley, etc.)		Management of CRIS
Information retrieval and reference management skills	Impact and visibility of TUT research	Public portal and homepages of researchers and research groups
		National and international cooperation

ePublishing and Publication Support Services	Open access OA	Research Data Management
Support to publishing of master and licentiate theses and reports	Parallel publishing	Management of metadata
Coordination of publication ID-numbers (ISBN, ISSN)	Support to the parallel publishing process and open access publishing	Management of data collection and preservation
	National and international cooperation	Support for publishing open research data
		Training and help desk services
		IDA-service

Management and production of publication and research data

Research & Innovation Support Services

- Ideas, funding, data and publication management plan
- Collecting of background information (source material etc.)
- Re-use
- Publishing of publications and research data via public portals
- Researchers, departments and research groups
- Data acquisition and production during the research process
- Library
- Preservation of publication full texts and research data
- Documentation (metadata)
- Data handling and publishing

Tools

Publication channel forum
RefWorks
Web of Science
Scopus
CRIS
Google Scholar
Cerif
Mendeley
Journal rankings
Institutional repository
Data models

Impact

Scholarly communication
Co-operation · Quality · Open Science
Assessment · Compentence
Parallel publishing
Knowledge sharing · Visibility
Agile methods · Standardisation · Networks
Custom-oriented service structure
Best practises · Skills

IATUL 2014