IT'S A WORKFLOW ENGINE. IT'S WORKING WITH LINKED DATA. IT'S REPOSITORY!

SUPPORTING ELECTRONIC THESIS RELATED PROCESSES IN HELSINKI UNIVERSITY LIBRARY

Joonas Kesäniemi

Helsinki University Library

UNIVERSITY OF HELSINKI

E-THESIS INTRODUCTION

- Thesis related
  - Processes
  - Storage
  - Dissemination
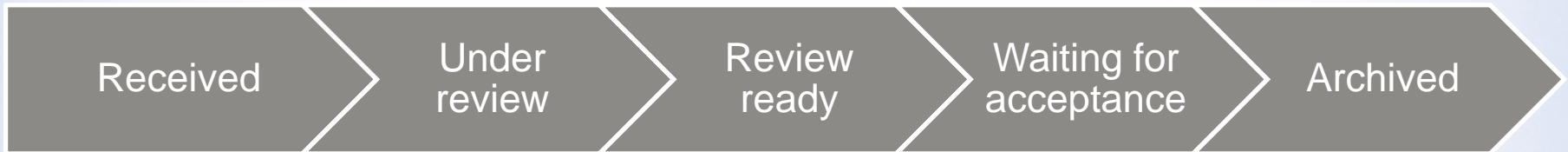- Items with restricted access
- Technology
  - DSpace
  - XMLWorflows

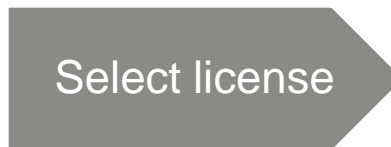UNIVERSITY OF HELSINKI

PROCESSES

Submission

| Public metadata | Internal metadata | Upload | Language identification | Crawl LOD | Review |

Assessment/review

| Received | Under review | Review ready | Waiting for acceptance | Archived |

Distribution

Select license

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WORKFLOW CUSTOMIZATIONS

- New UI steps
- Non-interactive steps
  - Email
  - Audit log
- Workflows by collection
  - Available for collection admins
  - Functionality
    - Reassign
    - Restart
    - Delete

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STATE: RECEIVED

- Export summary PDF
- Send to plagiarism control system
- Add reviewers

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STATE: UNDER REVIEW

Tämä on työni

Kesäniemi, Joonas

File(s)	example.pdf
Urkund report	Link
Deadline	27.06.2014
Kommentit (0)	

Reviewers

Name	Email	Approved
Joonas Kesaniemi	joonas.kesaniemi@helsinki.fi	
joonaskesa@gmail.com	joonaskesa@gmail.com	

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STATE: UNDER REVIEW

	l	ecla	mcla	c	nsl	b	a	i	eo/nr
Choice of research topic									
Theoretical knowledge and use of literature									
Research objectives									
Research data and data collection									
Analysis									
Reporting of research results									
Consistency and presentation of conclusions									
Student's input (supervisor's assessment only)									
Clarity and polishing of text									
The thesis as a whole									

Grade	
Grounds for the proposed grade	

The student has passed the 'Maturity Test	
Urkund report is OK	

Edit evaluation   Approve evaluation

STATE: UNDER REVIEW

	l	ecla	mcla	c	nsl	b	a	i	eo/nr
Choice of research topic	○	○	○	○	○	○	○	○	○
Theoretical knowledge and use of literature	○	○	○	○	○	○	○	○	○
Research objectives	○	○	○	○	○	○	○	○	○
Research data and data collection	○	○	○	○	○	○	○	○	○
Analysis	○	○	○	○	○	○	○	○	○
Reporting of research results	○	○	○	○	○	○	○	○	○
Consistency and presentation of conclusions	○	○	○	○	○	○	○	○	○
Student's input (supervisor's assessment only)	○	○	○	○	○	○	○	○	○
Clarity and polishing of text	○	○	○	○	○	○	○	○	○
The thesis as a whole	○	○	○	○	○	○	○	○	○

Grade	[▼]
Grounds for the proposed grade	

STATE: UNDER REVIEW

User joonas.kesaniemi@helsinki.fi has locked the form for editing (13-06-2014 08:01). Lock is removed then user saves the data or after 30 min of idle time.
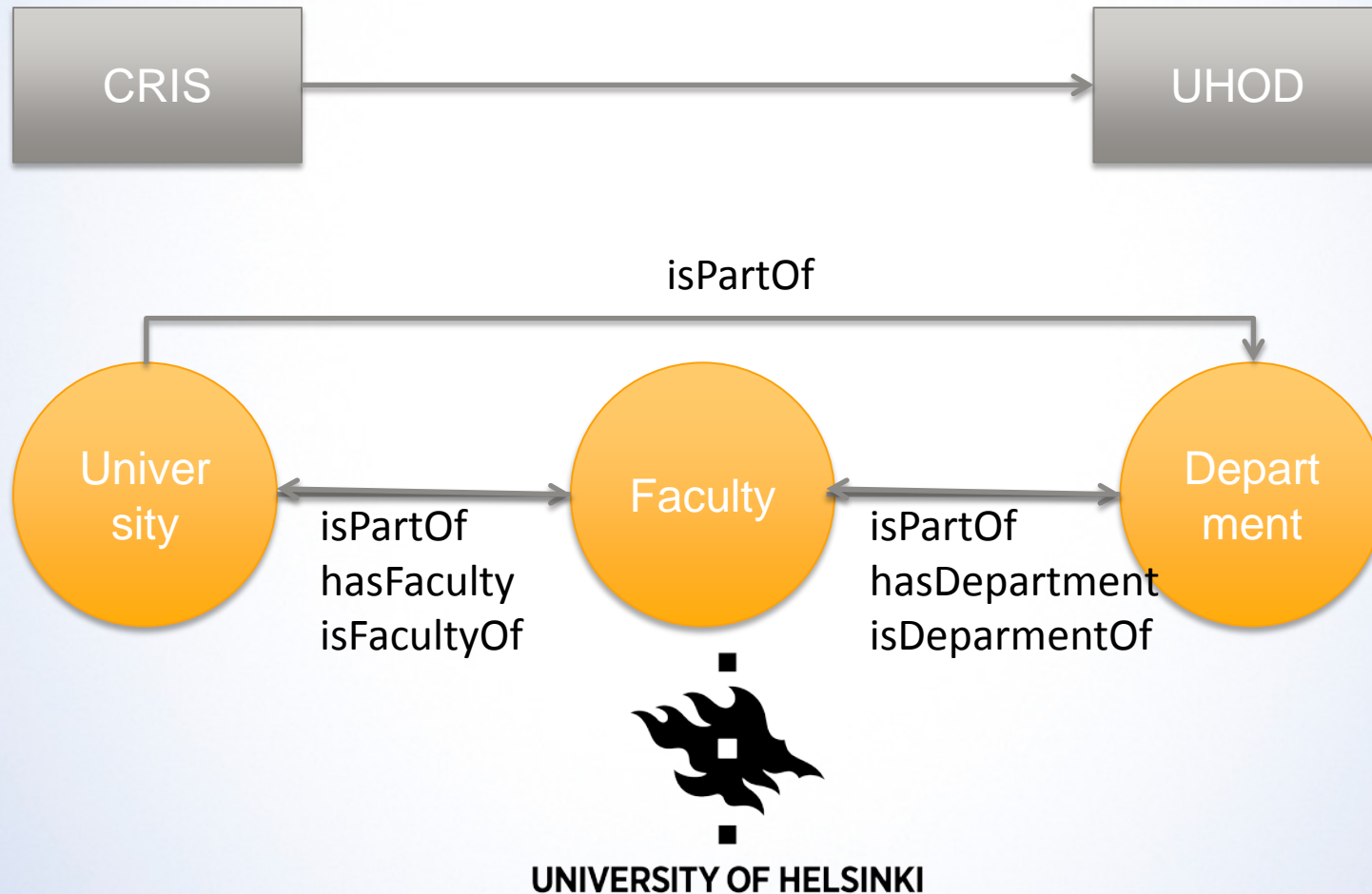
Edit evaluation   Approve evaluation

- Reviewers are working with a shared form
- Comments are only visible to other reviewers
- All reviewers must approve the same content
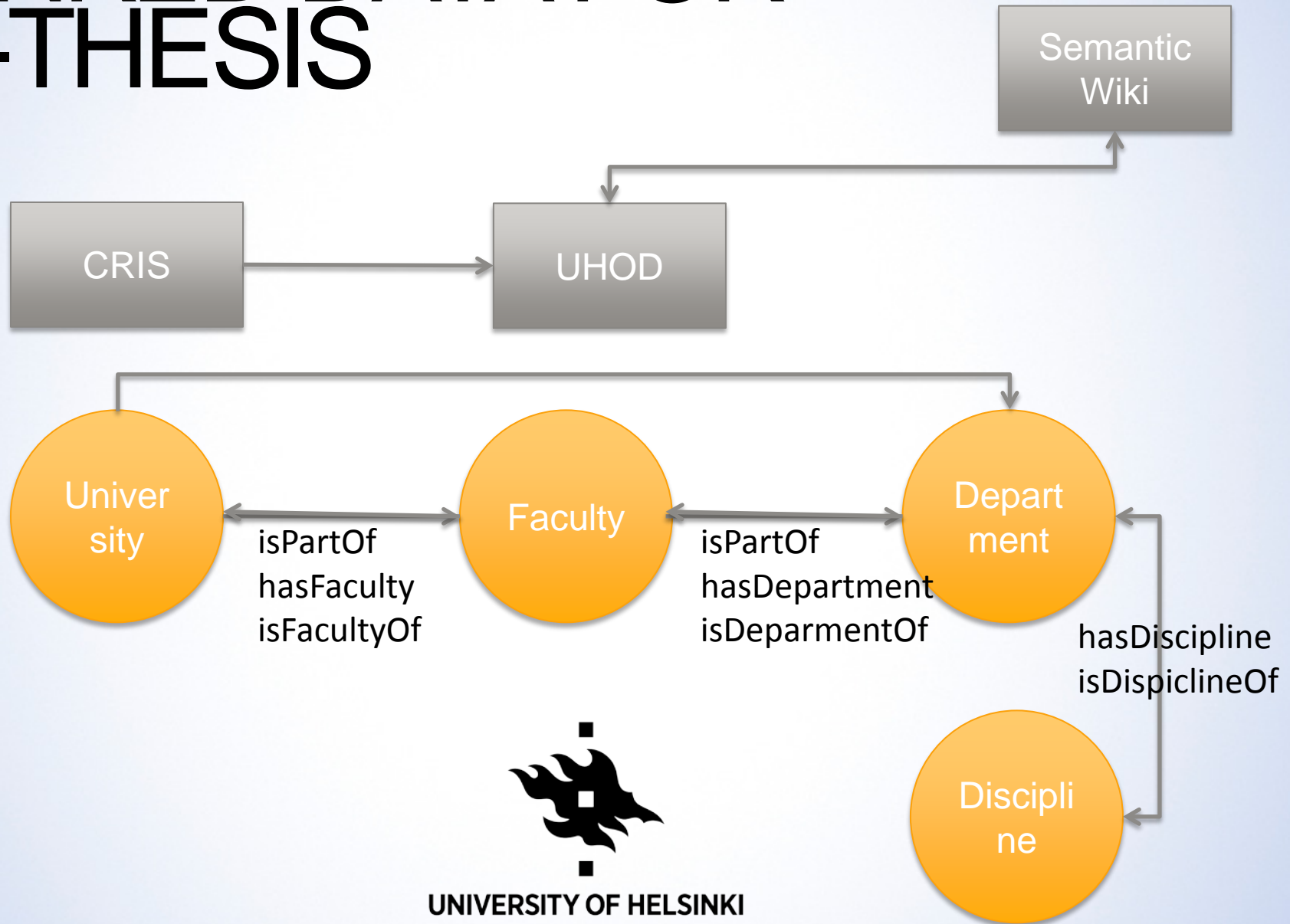 - Changing something cancels all approvals
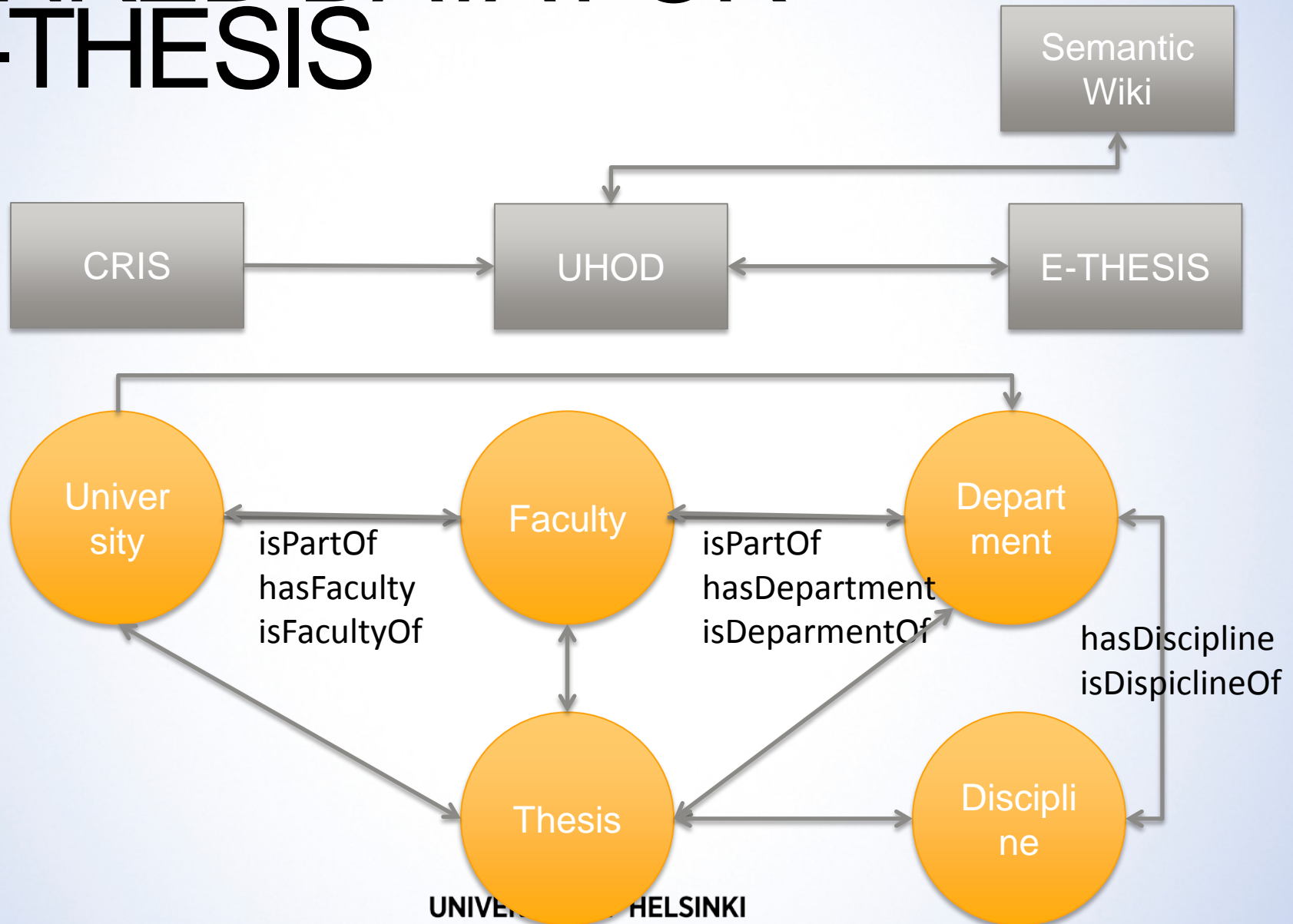
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LINKED DATA FOR E-THESIS

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LINKED DATA FOR E-THESIS

LINKED DATA FOR E-THESIS

Semantic Wiki

CRIS → UHOD ↔ E-THESIS

University — isPartOf hasFaculty isFacultyOf — Faculty — isPartOf hasDepartment isDeparmentOf — Department

hasDiscipline isDispiclineOf

Thesis

Discipline

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LINKED DATA IN E-THESIS

- Fields with URIs
  - University
  - Faculty
  - Department
  - Discipline
  - Language
  - Thesis type
  - Subject

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LINKED DATA IN E-THESIS

- RDF in
  - Authority control implementations
    - SPARQL
      - Generic
      - SKOS
    - Custom API
  - Custom handling of x.y.URI type of fields
    - ethesis.university.URI = http://data.hulib.helsinki.fi/id/50ae46d8-7ba9-4821-877c-c994c78b0d97
    - ethesis.university = University of Helsinki
    - ethesis.university = Helsingin yliopisto
    - ethesis.university = Helsingfors universitet

- RDF out
  - Proper schema namespaces
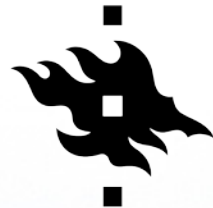   - dct
  - Simple crosswalk

LINKED DATA IN E-THESIS

- Local data
  - Through centralized service (UHOD)
  - Persistent public URI identifiers
- External data
  - Finto services
    - YSO
    - Domain specific ontologies

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THAT'S ALL FOLKS THANKS!