

Adding content reporting to DSpace

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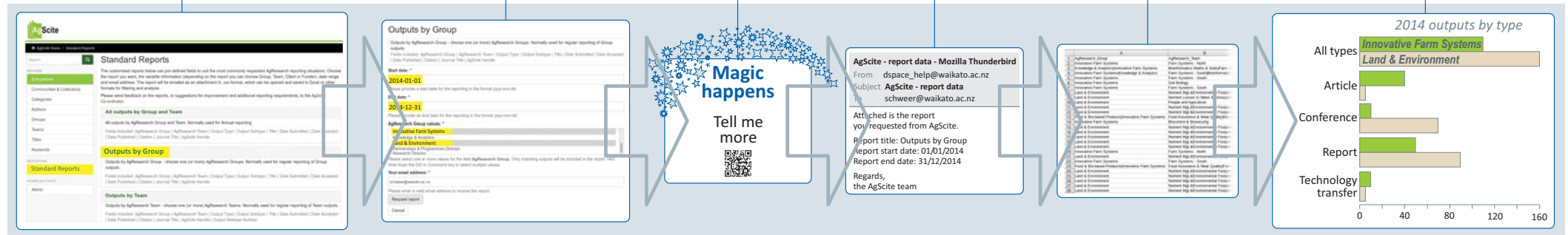
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Our reporting add-on for DSpace XMLUI

- Predefined list of report types
- User chooses report type
- User fills in parameters - start and end date - other parameters, e.g. select client or team
- Query Solr index for Discovery, save as CSV file, post-process
- Lightweight approach: email CSV file
- Users can import to e.g. MS Excel and use as needed - fine for AgResearch (users familiar with raw data)



The institution: AgResearch

- A Crown Research Institute
- No Research Information Management System
- Repository = authoritative source of research information
- Reporting information needed:
 - at various organisational levels
 - for internal and external purposes
 - as total counts and as lists of items

The repository: AgSite

- Internal access only
- Mandatory deposit via approval process
- Established in 2014
- Hosted and developed by Waikato University ITS

Does the perfect repository need content reporting?

- Repositories becoming core part of infrastructure - reporting is one of the expected deliverables
- OAIS reference model includes reporting - but: focus is on management of content objects
- How representative is AgResearch of DSpace user base?

Discussion points

- Reporting directly from the repository versus repository feeding into an external reporting system - if external system, which one?
- Flexibility versus ease of use
- Drawbacks
 - reliance on Discovery data
 - user has to do some of the work

Acknowledgements

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Code available under BSD 3-Clause licence <http://uow-irrs.github.io/features/reporting/>