

# **Rich Tags: Cross-Repository Browsing**

**Cross-site browsing and exploration of digital repositories**

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**Southampton**  
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**<http://www.richtags.org>**

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# The Problem

- **Finding papers**
- **Limited to:**
  - **Keyword search on a single site**
  - **Google over all sites**
  - **Site-based category exploration**

# The Problem

- **Categories unhelpful and/or mismatched**
- **May find what you want**
- **Hard to see related articles cross-site**

# **Solution**

- **Unified categories across repositories**
- **Automated - Requiring human input at ingest is a stumbling block**

# **Solution**

- **Aggregate metadata from OAI-PMH feeds**
- **Derive additional metadata using external sources**

# Derived Metadata

- **Institution name from *Whois***
- **Year and Decade extracted from date**
- **TF-IDF keywords**
- **Category Inference**

# **Category Inference**

- **Journals and Conferences processed**
- **Matched with DMOZ**
- **Matched with EBSCO**

# **Rich User Interface**

- **mSpace faceted browser for exploration**
- **Social Features to enable user feedback and contributions**
- **Social API**



# UI Demo Video

richtags (beta) [Firefox 2.0 (Mac)]

http://richtags.org/ Google

**richtags** beta

Home | Help: "How to use richtags" | FEEDBACK | Advanced Search | My Account | ScratchPad

## cross repository browsing...

richtags allows you to search across multiple **repositories** from numerous **institutions** covering hundreds of disciplines for **research** that is of interest to you!

- 1 browse**  
find research you never knew existed
- 2 search**  
search multiple repositories with one click
- 3 interact**  
tag & discuss articles

**Richtags** facilitates cross-repository Eprints browsing, easing the search for the articles you are interested in. Exploration is powered by mSpace, for more help on how to use mSpace and this site, click here.

- ➔ **Start Exploring**
- ➔ **View Groups**
- ➔ **View Popular Tags**

**Richtags is currently in beta so some features might not work as expected**

### Richtags API

Richtags now has an API. With it you can export user data in XML or JSON format for use in your own projects. Visit the [API](#) page for more information.

Featured Group | My Richtags

Done Proxy: None

**Thank you!**

**[ds@ecs.soton.ac.uk](mailto:ds@ecs.soton.ac.uk)**

**beta is live:**

**<http://www.richtags.org>**

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