EPrints: A Biodiversity
EPrints is
- a flexible content management system
- extensively configured to accommodate the needs of academics and researchers
- aimed at dissemination and reporting
  - designed to be Google-friendly
  - designed to be OAI-compliant
- highly configurable to achieve diverse needs
- built on a coding platform that is amenable to rapid development
- Very, very flexible
  - barrier to customisation is very low (for a webmaster)
Your Repository Needs?

- What does your institution need from an EPrints installation?
  - What sort of “digital objects” do you need to collect?
  - What sort of metadata do you need about them?
  - How do you want people to view your collections(s)?
  - What facilities do you want to provide?

- Don't consider them IN ISOLATION
  - stay aware of what other repository administrators are doing
  - best practice
  - inspiration
Not very inspiring!

Welcome to Southampton Repository

Welcome to this generic eprint server, running the default configuration for GNU EPrints repository software.

More information is available about the repository.

Browse

Browse the repository by Subject or Year.
Vanilla EPrints (2)

- Fixed home page
- Standard layout
- Two standard searches
- Two standard views
- Useful set of metadata (title, abstract, journal etc.)
- Standard set of data types (authors, dates etc)
- Standard OAI on by default
Very Basic Customisation

- Looks very different
- But only uses default configuration
- More elaborate customisation is possible
Strategy: 10-Step Programme

1. Brand your repository
   *logos, stylesheets, layout, portal*
2. Define information objects and their metadata
   *articles, theses, books etc.*
3. Declare the deposit workflows
   *including help text, examples and validation rules*
4. Define collections, searches, subscriptions
5. Refine rendering for information objects
   6. expose new metadata fields
   7. deploy embedded applets, media players on abstract page
   8. define new citation styles
   9. define OAI mapping
10. Populate Repository
    *Go to step 1 to revisit requirements*
1. Brand your repository
   *logos, stylesheets*

2. Populate repository

   ▲ Two-step programme is sufficient to get started
   ▲ EPrints defaults provide useful starting point
   ▲ There will be many stages in the repository history
     ▲ demo, pilot, first official release, relaunch..
2-Step Success

Appears distinctive

A default EPrints install styled differently
10-Step Success - Demo

Deep-Sea image archive
metadata for species (classification, behaviour), site (location, habitat), rig (operator, ROV)

Greater eelpout

Deposited By: INVALID USER
Deposited On: 07 September 2006

Copyright: Serpent Project
Classification: Chordata (Chordates) > Actinopterygii (Ray finned Fish) > Perciformes (Perc-like) > Zoarcidae (eelpouts)
Species: esmarkii
Genus: Lycodes
Behaviour: Coiled on seafloor
Site: Laggan Field
Site Description: Seafloor
Depth: 500
Latitude: 50 deg 56'00 N
Longitude: 00 deg 53'00 W
Countries: UK > West of Shetland
Ocean/Sea: Atlantic > North Sea
Habitat: Temperate Gravel & Sand
Substratum: Unknown
Rig: Jack Bates Laggan
Rig Operator: Transocean
ROV: Classman 2
ROV Operator: Subsea 7
ID Code: 37
Learning and teaching repository which collects multimedia assets and learning objects

- metadata captures language (dialect, accent, region), usage instructions, skill areas
Data repository which collects data sets and exposes scientific metadata

Schema standards accepted by international subject body

http://ebank.eprints.org/
Extended types of digital object to include outputs from Art, Music etc.

Metadata reuse for administrative reports

http://eprints.soton.ac.uk/
Finding EPrints Inspiration

- See [http://www.eprints.org/software/examples/](http://www.eprints.org/software/examples/) for a more complete list
  - categorised
  - interesting branding examples, multi-language, journal, project, subject-based, theses-only...

- See [http://archives.eprints.org/](http://archives.eprints.org/) for complete coverage of all public OAI repositories
  - EPrints, DSpace, Fedora, ARNO...
  - Charts the growth of OA
Task: Revisit your Requirements

- Revisit your institutional priorities
  - what do you need to support?
- Look at some other repositories
  - http://serpent.eprints.org/
  - http://clare.eprints.org/
  - http://ebank.eprints.org/
  - http://eprints.soton.ac.uk/
  - http://www.eprints.org/software/examples
- Consider:
  - Can their examples help you?
  - Could they help you?
  - Could you adopt or adapt their example?
EPrints Biodiversity

- Archive of European Integration
  - http://aei.pitt.edu/
  - bespoke layout, views & searches

- AgentLink project
  - http://eprints.agentlink.org
  - integrated into project portal
Digital Library of the Commons
- http://dlc.dlib.indiana.edu/
- extensive views

E-LIS: EPrints in Library and Information Science
- http://eprints.rclis.org/
- email alerts, RSS
Queensland U of Technology

http://eprints.qut.edu.au/

(statistics)