EPrints offers a safe, open and useful place to store, share and manage material in the pursuit of research and educational agendas.

- administrative reporting
- collaboration
- data sharing
- digital profile enhancement
- e-learning
- e-publishing
- e-research
- marketing
- open access
- preservation
- publicity
- research assessment
- research management
- scholarly collections

Why?

Providing a designated, managed and curated environment with institutional backing, which is what an IR should be, is better than not.

Why

- In the late 1990s researchers started putting stuff online.
  - No management
  - No long term strategy
  - No editorial rights
  - No clue of impact

- From this was born OAI and the first EPrints repository.

Research Problems

- Discoverability
- Manageability
- Value Tracking

These are all institutional problems
EPrints 1.0

- A centrally controlled IR
  - Interfaces for:
    - Depositors
    - Editors
    - Managers
    - Depositors
  - Indexable by search engines, download tracking
  - Centrally controllable resources, easier to back up

Preserv1 - 2005

- What is in the repository?
  - http://roar.eprints.org
  - PRONOM-DROID
  - Applying OAIS, PREMIS.

Preserv2 - 2007

- Extended preservation services
  - Preserv1 profile in the repository.
  - Storage Services for greater flexibility in bitstream Preservation
  - Repository Interoperability (OAI-ORE)
    - First real world use of ORE.

EPrints 3

- Plug-ins / Modules
  - Everything builds on the core layer
  - Major part of v3.2 is strengthening the core and adding more abstraction layers
    - Improved data model
    - Enhanced data facilities
    - Enhanced metadata facilities
    - Improved programming & API

EPrints 3.2 Structure

- EPrints Plug-In Biodiversity
  - Atom, RSS
  - Bibliography Publishing (personal, projects)
  - ISI, Web of Science, Google Scholar
  - MS Office (via SWORD)
  - LDAP, NIS, RADIUS (Authentication)
  - OAI-PMH, OAI ORE
  - Oracle, MySQL
  - Amazon S3, SunCSS, NFS
  - DROID, Pronom, Plato Action Plans
Aim: To create a number of exemplar preservation repositories from which others can learn
Small number of very diverse repositories

Training  Development

Modular, modular, modular
Flexible, Extensible
Secure, Managed, Reliable
Supported

Embrace change
Support your community

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