

Proposal for Capturing, Archiving and Publishing Documents in CORE

What is a Document in CORE?

A medical report, technical report, conference paper, journal article and something "publishable" (static) that **may or may not** relate to a trial.

Proposed Process

To create an EPrint record:

1. Enter metadata as per standard EPrint
 - *EPrint/document type (set by administrator)
 - *Status (set by administrator)
 - Author(s)
 - Title (Full title of deposit)
 - Abstract (unbounded)
 - Year (Year produced)
 - Month (Month produced)
 - *Trial/Project(s) (set by administrator)
 - *Institutions (set by administrator)
 - *Departments (set by administrator)
 - *Groups (set by administrator)
 - Keywords
2. Upload files in supported format as per current EPrint list
3. Store EPrint record in database

* We would like to have these functions (e.g. editing EPrint type list) as web service methods, so that we can assign administrative privilege to them.

To remove (not delete) an EPrint record:

1. Select the EPrint record to be removed
2. Remove the link and save changes to database

To get an Eprint record (metadata / document):

1. Select the Eprint record
2. Retrieve the metadata associated with this record
3. Return metadata/document

To update/modify an EPrint record:

1. Select the EPrint record to be updated
2. Enter metadata as in create a new EPrint record process
3. **Optional:** Upload files in supported format
4. Save changes in database

To perform a search (both simple & advanced)

Search in database based on relevant metadata

Web service Interface

Input for create and update: metadata (and document file attached as SOAP attachment)

Input for get/retrieve and remove: EPrint's link to be retrieved / removed.

Input for search: searching keywords associated with metadata

Output: a SOAP message that indicates the successful completion of a process, and metadata/document attachment for retrieval.

Output for search: list of links for matching documents

Error: service error when the process behind the Web service fails.

The priority of developing web methods:

Create an Eprints record

Retrieve an Eprints record

Search for Eprints

Modify metadata

Modify file

Remove Eprints record