

Proposal for Capturing, Archiving and Publishing Multimedia Information in CORE

What is a Multimedia in CORE?

A digitised photograph, screencam, video and something "publishable" (static) that may or may not be related to a trial.

Proposed Process

To create a new EPrint record

1. Enter metadata as per standard EPrint
 - *Eprint type - multimedia in this case (set by administrator)
 - *Status (set by administrator)
 - Author(s) (creators)
 - Title (Full title of deposit)
 - Short Description (30 words which capture the essence of the multimedia)
 - Abstract/Long Description (unbounded, describe the multimedia in more detail)
 - Trial/Project(s) (set by administrator)
 - Group(s) (set by administrator)
 - Year (Year produced)
 - Month (Month produced)
 - Keywords (any keywords which could aid searchers in finding multimedia)
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 / multimedia):

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

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 multimedia 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/multimedia attachment for retrieval.

Output for search: list of links for matching multimedia

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