

# Proposal for Capturing, Archiving and Publishing Multimedia Information in CORE

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## 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.