Proposal for Capturing, Archiving and Publishing Data in CORE

What is a Data in CORE?

Medical case data (normally associated with a certain schema specifying name, range, data type, etc) that relate to a trial.

Proposed Process

To create a new data record in EPrints

1. Enter Metadata about data types in CORE (to be done by administrator)
    - Short name (a code/identification for data)
    - Long name (description of data)
    - Minimum value
    - Maximum value
    - Range (for all possible data types, e.g. numerical, Boolean, string, etc)
    - Variable type (e.g. nominal, ordinal, interval, etc)
    - Element type (e.g. string, integer, etc)
    - Default value
2. Enter metadata for trials or schemas (associated with trial) (could be done by users)
    - Choose data types for each schema/trial from the list made from 1
    - Make a list of datatypes mapping with each schema/trial
3. Enter new data record based on data types and schema (trial)
    - Select schema/trial
    - Enter data based on existing schema
    - Store data in database

To remove (not delete) an EPrint data record:

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

To get an Eprint data record

1. Select the Eprint record
2. Retrieve the contents of this record
3. Return contents

To update/modify an Eprint data record:

1. Select the EPrint record to be updated
2. Enter data as in create a new EPrint record process
3. Save changes in database

To perform a search (both simple & advanced)

Search in database based on relevant metadata

* This spec could be revised subject to how the Eprint for Data (as in Ebank) works. Currently it is purely based on CORE working principle