Establishing a Digital Repository
Technical tutorial

The hands-on tutorial will be divided into two parts. The first session will have participants installing the DSpace software and performing the major administrative tasks to familiarise themselves with the application. The second session will look at customisations and some approaches to consider when looking at extending the software to meet local requirements.

Part 1 - Installation and Familiarisation
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* Installation of DSpace-in-a-box
* Authorisation
- managing EPeople and Groups
* Creating Communities and Collections
  - assigning resource policies at a Community/Collection level
  - creating a 3-stage workflow
* Loading an item via UI
  - assigning resource policies at an Item level
  - assigning submitter & collection manager
* Uploading items using via the User Interface and DSpace item importer
* Exporting items
* Editing an Item
* Dublin Core registry
* Format Registry
* Configurable Searching, Lucene & Browse indexes
* Command-line tools
* OAI-PMH data provider

Part 2 - Approaches to Customising/Extending DSpace
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* Interface Customisations
* The DSpace API
* Code/Feature modifications and suggested approaches
* Architecture/Development direction/DSpace community
* Cocoon and DSpace