Test Areas

Web UI

- Accuracy and completeness of online help
- Admin UI
- Create new community
- Create new sub-community
- Create new collection
- Create new e-people, groups
- Edit items
- Withdraw and reinstate items
- Expunge items
- Edit metadata registry (new DC fields, new schemas)
- Edit bitstream format registry
- Abort a workflow via admin UI
- Authorisation (see Authorisation below)
- Edit news on front page
- Supervisors
- Statistics (see statistics below)

Miscellaneous UI

- Configure metadata fields to appear in simple item display
  - Default (`webui.itemdisplay.default = ...`
  - Per-collection (`webui.itemdisplay.style = ...` and `webui.itemdisplay.style.collections = ...`)
- HTML documents (see also: Submission UI)
- RSS Feeds
- Translations
- My DSpace
- View subscriptions (see also E-mail below)
- View accepted submissions
- Edit profile
- OpenURL links

Submission UI

- Creative commons licences
- Switched on and off
- Try using HTTP proxy via `http.proxy.host/port`
- Single file
- Multiple files
- Upload HTML document (multiple files with primary bitstream)
- Configure `input-forms.xml`
- Recognised formats
- Unrecognised format
- Checksum verification
- Licences (site default, per-collection)

Submission workflow

- Collections with no workflow steps, or a combination
• For each workflow step, test editing metadata
• Test accept and reject
• Controlled vocabulary

Authentication
under UI for now, since it's the only place it's currently used
• Log in with simple username/password
• Register a new account
• Forgot password (see also: E-mail)
• LDAP server
• Shibboleth
• X509 certificate
• Logging out

Search and browse
• Configure columns in item lists (search results etc) using ‘webui.itemlist.columns’ in ‘dspace.cfg’
• Browse communities and collections
• Browse titles, authors, subjects, by date
• With scope ‘All of DSpace’, in a community, in a sub-community, in a collection
• Configure date, author, title, subject by using ‘webui.browse.index.’ properties in ‘dspace.cfg’
• Try configuring a different analyzer (e.g. for Chinese)
• Basic and advanced search
  Configure search fields (‘search.index.’ in ‘dspace.cfg’)

Other functionality

OAI-PMH
• Validate using http://re.cs.uct.ac.za/ repository Explorer
• Extract METS, DIDL; ensure valid XML

Batch import/export
• Test import and export

Media Filters
• Thumbnail generation
• Full-text extraction and indexing
• Configure to support different bitstream formats

E-mail
• Configure an SMTP server that needs authentication, try sending mail (e.g. 'forgot password' mail)
• Send feedback using link in footer
• Get error alerts
• Test subscriptions (‘subs-daily’)  

Statistical reports
TODO

Checksum checker
TODO

Installation, Updating, Deployment

• Test fresh install
• Test update from 1.3.2 with existing data + configuration
• Update customised/modified DSpace, find ‘gotchas’
• See also Handle Server

Under the bonnet/hood

Database platforms
• Test fresh install, 1.3.2 -> 1.4 upgrade
• On PostgreSQL
• On Oracle (version numbers?)

Bitstream storage
• Multiple asset stores

Handle Server
• Install/update and test a ‘live’ Handle Server (connect to global)

Authorisation
• Default permissions (on submission)
• Remove read access, check access not possible (on bitstreams)
• Check unauthorised users cannot access admin UI, edit community/collection/item screens, submit
Content API

TODO

Packagers, crosswalks

- Need feedback on API

TODO