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## 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/> epository 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*