

# Changes in 1.1.x

- [Changes in DSpace 1.1.1](#)
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## Changes in DSpace 1.1.1

### Bug fixes in 1.1.1

- non-administrators can now submit again
- installations now preserve file creation dates, eliminating confusion with upgrades
- authorization editing pages no longer create null entries in database, and no longer handles them poorly (no longer gives blank page instead of displaying policies.)
- registration page Invalid token error page now displayed when an invalid token is received (as opposed to internal server error.) Fixes SF bug #739999
- eperson admin 'recent submission' links fixed for DSpaces deployed somewhere other than at / (e.g. /dspace).
- help pages Link to help pages now includes servlet context (e.g. '/dspace'). Fixes SF bug #738399.

### Improvements in 1.1.1

- *bin/dspace-info.pl* now checks jsp and asset store files for zero-length files
- *make-release-package* now works with SourceForge CVS
- eperson editor now doesn't display the spurious text 'null'
- item exporter now uses Jakarta's cli command line arg parser (much cleaner)
- item importer improvements:
  - now uses Jakarta's cli command line arg parser (much cleaner)
  - imported items can now be routed through a workflow
  - more validation and error messages before import
  - can now use email addresses and handles instead of just database IDs
  - can import an item to a collection with the workflow suppressed

## Changes in DSpace 1.1

- Fixed various OAI-related bugs; DSpace's OAI support should now be correct. Note that harvesting is now based on the new Item 'last modified' date (as opposed to the Dublin Core *date.available* date.)
- Fixed Handle support--DSpace now responds to naming authority requests correctly.
- Multiple bitstream stores can now be specified; this allows DSpace storage to span several disks, and so there is no longer a hard limit on storage.
- Search improvements:
  - New fielded searching UI
  - Search results are now paged
  - Abstracts are indexed
  - Better use of Lucene API; should stop the number of open file handles getting large
- Submission UI improvements:
  - now insists on a title being specified
  - fixed navigation on file upload page
  - citation & identifier fields for previously published submissions now fixed
- Many Unicode fixes to the database and Web user interface
- Collections can now be deleted
- Bitstream descriptions (if available) displayed on item display page
- Modified a couple of servlets to handle invalid parameters better (i.e. to report a suitable error message instead of an internal server error)
- Item templates now work
- Fixed registration token expiration problem (they no longer expire.)