History

- Changes in DSpace 3.6
- Changes in DSpace 3.5
- Changes in DSpace 3.4
- Changes in DSpace 3.3
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- Changes in DSpace 1.8.3
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- Changes in DSpace 1.1

Changes in DSpace 3.6

This release includes the following security fix. This ticket requires a valid JIRA account to view the details:

- DS-3094 - XMLUI Directory Traversal Vulnerability

Changes in DSpace 3.5

This release includes the following JSPUI security fixes. All of these tickets require a valid JIRA account to view the details:

- DS-2736 - Cross-site scripting (XSS injection) is possible in JSPUI Discovery search results/form
- DS-2737 - Expression language injection (EL Injection) is possible in JSPUI search interface.

Changes in DSpace 3.4

This release includes the following security fixes. All of these tickets require a valid JIRA account to view the details:

- DS-1702 - Cross-site scripting (XSS injection) is possible in JSPUI Recent Submissions listings
- DS-2044 - Cross-site scripting (XSS injection) is possible in JSPUI Discovery search form
- DS-2445 - XMLUI DirectoryTraversal Vulnerabilities
  - Also resolves related, minor theme access issues DS-1896 and DS-2130.
- DS-2448 - JSPUI Directory Traversal Vulnerability

Changes in DSpace 3.3

Bug Fixes

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Changes in DSpace 3.2

General Improvements

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This release also includes the following security fix:

- **DS-1603** - Resolves a security issue in JSPUI

Changes in DSpace 3.1

General Improvements

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## Changes in DSpace 3.0

### New Features

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## Changes in DSpace 1.8.3

### General Improvements

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View these issues in Jira
Bug Fixes

- DS-1603 - Resolves a security issue in JSPUI

Changes in DSpace 1.8.2

General Improvements

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Changes in DSpace 1.8.1

General Improvements

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## Changes in DSpace 1.8.0

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## Changes in DSpace 1.7.3

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Bug Fixes

- **DS-1603** - Resolves a security issue in JSPUI

Changes in DSpace 1.7.2

## Bug Fixes

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Changes in DSpace 1.7.1

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Changes in DSpace 1.7.0
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## Changes in DSpace 1.6.2

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## Changes in DSpace 1.6.0

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Changes in DSpace 1.5.2

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View these issues in Jira
Changes in DSpace 1.5.1

General Improvements and Bug Fixes

(Scott Philips)

- (Scott Philips) Fixed bug where users could not finish registering nor reset their password because the authentication method signatures were changed.
- Jay Paz (SF#1898241) Additional fixes to patch to enable reuse of methods.
- Added the ability to manage sessions with site wide alerts to prevent users from authenticating.
- Fixes a bug where the ability to edit an item during workflow step 2 is not displayed.
- Jay Paz (SF#1898241) Add item Export from jspui and xmlui.
- Added easy support for google analytics statistics
- Added the ability for super admins to login as other users.
- Added an activity viewer to the Control Panel

(Mark Diggory)

- Fix for SF Bug #2082236 Subscription notification (sub-daily) no emails sent
- #2102580 William Hays: Duplicate Handle exception when replacing bitstreams
- #2102617 Sands Fish: X509Authentication fails to assign appropriate specialgroups
- (Sands Fish) Add "Select Primary Bitstream" functionality to submission workflow
- Guard against Community/Collection metadata having only whitespace characters and eliminate cases where null pointer exceptions would be thrown
- Improve DSIndexer logic in both branches to support removal of items from index when withdrawn from repository.
- (Sands Fish) Provides fix for AuthenticationUtil where users ID's are not properly compared.
- Fix NullPointerException cause by nullified Context object in LNI map item to new collection.
- Block Basic Authentication "details" from being exposed in dspace logs.
- (Bill Hays) Close InputStreamReaders explicitly to release any file handles back to OS.
- correct linking on pages when xmlui is the ROOT webapplication
- correct issue with sitemap redirection of mydspace uri.
- Add servlet-api to overlay wars to reduce compile time errors when adding classes
- Correct issues in feed generation
- XMLUI Adjust Advanced Search to use search properties from dspace.cfg.
- Correct bug in Body.toSAX where startElement is called instead of end element.
- Correct issue with libraries being excluded from wars

(Claudia Juergen)

- Fix for SF bug #2090761 Statistics wrong use of dspace.dir for log location
- Fix for SF bug #2081930 xmlui hardcoded strings in EditGroupForm.java
- Fix for SF bug #2080319 jspui hardcoded strings in browse
- Fix for SF bug #2078105 xmlui hardcoded strings used in UI in xmlui-api
- Fix for SF bug #2073824 xmlui hardcoded strings used in UI in General-Handler.xsl
- SF patch #2076066 Review in jspui submission non-dc metadata
- SF Bug #1983859 added Foreign Lucene Analyzers to poms
- SF Bug #1989916 - missing LDAP authentication key

(Stuart Lewis)

- #1947036 Patch for SF Bug1896960 SWORD authentication and LDAP + 1989874 LDAPAuthentication pluggable method broken for current users
- Added copying of registration email template to 1.4 to 1.5 upgrade instructions
- Fix for SF bug #2059941 LDAP authentication fails for new users in SWORD and Manakin

(Zuki Ebetsu / Stuart Lewis)

- #1990660 SWORD Service Document are malformed / Corrected Atom publishing MIME types

(Stuart Lewis / Claudia Juergen)

- Updated installation and configuration documents for new statistics script, and removed references to Perl

(Tim Donohue)
**Changes in DSpace 1.5**

**General Improvements**

- Highly configurable and theme-able new user interface (Manakin).
- Apache Maven-based modular build system.
- LNI (Lightweight Network Interface) service. Allows programmatic ingest of content via WebDAV or SOAP.
- Highly configurable item web submission system. All submission steps are configurable not just metadata pages.
- Browse functionality allowing customisation of the available indexes via dspace.cfg and pluggable normalisation of the sort strings. Integration with both JSP-UI and XML-UI included.
- Extensible content event notification service.
- Generation of Google and HTML sitemaps

**Bug fixes and smaller patches**

- New options for Itemimporter to support bitstream permissions and descriptions.
- Change in Creative Commons RDF.
- Stat-monthly and stat-report-monthly
- Authentication code moved to new org.dspace.authenticate package, add IP Auth
- More stable metadata and schema registry import Option to generate community and collection "strength" as a batch job
- Improved database level debugging
- Add Community and Sub-Community to OAI Sets
- OAIDCCrosswalk NPE and invalid character fix, also invalid output prevented
- Suggest Features uses hard coded strings
- Method MetadataField.unique() is incorrect for null values
- Get rid of unused mets_bitstream_id column
- Replace String with Integer in PreparedStatement where needed
- for Request #1145499 - Move Items
- Oracle SQL in Bitstream Checker
- Set http disposition header to force download of large bitstreams
- New EPersonConsumer event consumer
- Item metadata in XHTML head elements
- "Self-Named" Media Filters (i.e. MediaFilter Plugins) (updated version of this patch)
- Statistics Rewritten In Java
- Metadata registry exporter
- Admin browser for withdrawn items
- Concurrency
- Submit interface looks bad in Safari
- bin/update-handle-prefix rewritten in Java
- Removes "null" being displayed in community-home.jsp
- Alert DSpace administrator of new user registration
- Multilingualism Language Switch - DSpace Header

Changes in DSpace 1.4.1

**General Improvements**
• Error pages now return appropriate HTTP status codes (e.g. 404 not found)
• Bad filenames in /bitstream/ URLs now result in 404 error – prevents infinite URL spaces confusing crawlers and bad “persistent” bitstream IDs circulating
• Prevent infinite URL spaces in HTMLServlet
• InstallItem no longer sets dc.format.extent, dc.format.mimetype; no longer sets default value for dc.language.iso if one is not present
• Empty values in drop-down submit fields are not added as empty metadata values
• API methods for searching epeople and groups
• Support stats from both 1.3 and 1.4
• [dspace]/bin/update-handle-prefix now runs index-all
• Remove cases of System.out from code executed in webapp
• Change “View Licence” to “View License” in Messages.properties
• dspace.cfg comments changed to indicate what default.language actually means
• HandleServlet and BitstreamServlet support If-Modified-Since requests
• Improved sanity-checking of XSL-based ingest crosswalks
• Remove thumbnail filename from alt-text
• Include item title in HTML title element
• Improvements to help prevent spammers and sploggers
• Make cleanup() commit outstanding work every 100 iterations
• Better handling where email send failed due to wrong address for new user
• Include robots.txt to limit bots navigating author, date and browse by subject pages
• Add css styles for print media
• RSS made more configurable and provide system-wide RSS feed, also moves text to Messages.properties
• Jar file updates (includes required code changes for DSIndexer and DSQuery and new jars fontbox.jar and serializer.jar)
• Various documentation additions and cleanups
• XHTML compliance improvements
• Move w3c valid xhtml boiler image into local repository
• Remove uncessary Log4j Configuration in CheckerCommand
• Include Windows CLASSPATH in dsrun.bat

Bug fixes

• 1604037 - UIUtil.encodeBitstream() now correctly encodes URLs (no longer incorrectly substitutes ‘+’ for spaces in non-query segment
• 1592984 - Date comparisons strip time in org.dspace.harvest.Harvest
• 1589902 - Duplicate field checking error on input-forms.xml
• 15696952 - Collection Wizard create Template missing schema
• 1569678 - View unfinished submissions - collection empty
• 1586625 - Incorrect text on item mapper screen
• 1597805 - DIDL Crosswalk: wrong resource management
• 1605635 - NPE in Utils.java
• 1597504 - Search result page shows shortened query string
• 1523289 - Item Templates do not work for non-dc fields
• 1066771 - Metadata edit form dropping DC qualifier
• 1548738 - Multiple Metadata Schema, schema not shown on edit item page
• 1589895 - Not possible to add unqualified Metadata Field
• 1543853 - Statistics do not work in 1.4
• 1541381 - Browse-by-date and browse-by-title not working
• 1556947 - NullPointerException when no user selected to del/edit
• 1554064 - Fix exception handling for ClassCastException in BitstreamServlet
• 1548865 - Browse errors on withdrawn item
• 1554056 - Community/collection handle URL with / redirects to homepage
• 1571490 - UTF-8 encoded characters in licence
• 1571519 - UTF-8 in statistics
• 1544807 - Browse-by-Subject/Author paging mechanism broken
• 1543966 - “Special” groups inside groups bug
• 1480496 - Cannot turn off “ignore authorization” flag!
• 1515148 - Community policies not deleting correctly
• 1556829 - Docs mention old SiteAuthenticator class
• 1606435 - Workflow text out of context
• Fix for bitstream authorization timeout
• Fix to make sure cleanup() doesn't fail with NullPointerException
• Fix for removeBitstream() failing to update primary bitstream
• Fix for Advanced Search ignoring conjunctions for arbitrary number of queries
• Fix minor bug in Harvest.java for Oracle users
• Fix missing title for news editor page
• Small Messages.properties modification (change of DSpace copyright text)
• fix PDFBox tmp file issue
• Fix HttpServletRequest encoding issues
• Fix bug in TableRow toString() method where NPE is thrown if tablename not set
• Update DIDL license and change coding style to DSpace standard

Changes in DSpace 1.4

General Improvements

• Content verification through periodic checksum checking
• Support for branded preview image
• Add/replace Creative Commons in 'edit item' tool
• Customisable item listing columns and browse indices
• Script for updating handle prefixes (e.g. for moving from development to production)
• Configurable boolean search operator
• Controlled vocabulary patch to provide search on classification terms, and addition of terms during submission.
• Add 'visibility' element to input-forms.xml
• Browse by subject feature
• Log4J enhancement to use XML configuration
• QueryArgs class can support any number of fields in advanced search.
• Community names no longer have to be unique
• Enhanced Windows support
• Support for multiple (flat) metadata schemas
• Suggest an item page
• RSS Feeds
• Performance enhancements
• Stackable authentication methods
• Plug-in manager
• Pluggable SIP/DIP support and metadata crosswalks
• Nested groups of e-people
• Expose METS and MPEG-21 DIDL DIPs via OAI-PMH
• Configurable Lucene search analyzer (e.g. for Chinese metadata)
• Support for SMTP servers requiring authentication

Bug fixes
• 1358197 - Edit Item, empty DC fields not removable
• 1363633 - Submission step 1 fails when there are no collections
• 1255264 - Resource policy eperson value was set to wrong column
• 1380494 - Error deleting an item with multiple metadata schema support
• 1443649 - Cannot configure unqualified elements for advanced search index
• 1333687 - Browse-(title|date) fails on withdrawn item
• 1066713 - Two (sub)communities cannot have one name
• 1284055 - Two Communities of same name throws error
• 1035366 - Bitstream size column should be bigint
• 1352257 - Selecting a Group for GroupToGroup while Creating Collection
• 1352226 - Navigation and Sorting in Group List (Select Groups) fails
• 1348276 - Null in collection name causes OAI ListSets to fail
• 1160898 - dspace_migrate removes Date.Issued from prev published items
• 1261191 - Malformed METS metadata exported

Changes in DSpace 1.3.2

General Improvements
• DSpace UI XHTML-WAI compliant
• Configure metadata fields shown on simple item display
• Supervisor/workspace help documentation

Bug fixes
• Oracle compatibility fixes
• Item exporter now correctly exports metadata in UTF-8
• fixed to handle 'null' values passed in

Changes in DSpace 1.3.1

Bug fixes
• 1252153 - Error on fresh install

Changes in DSpace 1.3

General Improvements
• Initial i18n Support for JSPs - Note: the implementation of this feature required changes to almost all JSP pages
• LDAP authentication support
• Log file analysis and report generation
• Configurable item licence viewing
• Supervision order/collaborative workspace administrative tools
• Basic workspace for submissions in progress, with support for supervision
• SRB storage system option
• Updated handle server system
• Database optimisations
• Latest versions of Xerces, Xalan and OAICAT jars
• Various documentation additions and cleanups

Bug fixes

• 1161459 - ItemExporter fails with Too many open files
• 1167373 - Email date field not populated
• 1183948 - New item submit problem
• 1188132 - NullPointerException when Adding EPerson
• 1188016 - Cannot Edit an EPerson
• 1219701 - Unable to open unfinished submission
• 1206836 - community strengths not reflecting sub-community
• 1238262 - Submit UI nav/progress buttons no longer show progress
• 1238276 - Double quote problem in some fields in submit UI
• 1238277 - format support level not shown in "uploaded file" page
• 1242548 - Uploading non-existing files
• 1244743 - Bad lookup key for special case of DC Title in ItemTag.java
• 1245223 - Subscription EMailer fails
• 1247508 - Error when browsing item with no content/bitstream collections
• Set the content type in the HTTP header
• Fix issue where EPerson edit would not work due to form indexing (partial fix)
• POST handling in HTMLServlet
• Missing ContentType directives added to some JSPs
• Name dependency on Collection Admin and Submitter groups fixed
• Fixed OAI-PMH XML encoding

Changes in DSpace 1.2.2

General Improvements

• Customisable submission forms added
• Configurable number of index terms in Lucene for full-text indexing
• Improved scalability in media filter
• Submit button on collection pages only appears if user has authorisation
• PostgreSQL 8.0 compatibility
• Search scope retention to improve browsing
• Community and collection strengths displayed
• Upgraded OAICat software

Bug fixes

• Fix for Oracle too many cursors problem.
• Fix for UTF-8 encoded searches in advanced search.
• Fix for handling "\" in bitstream names.
• Fix to prevent delete of "unknown" bitstream format
• Fix for ItemImport creating new handles for replaced items

Changes in JSPs

• collection-home.jsp changed
• community-home.jsp changed
• community-list.jsp changed
• home.jsp changed
• dspace-admin/list-formats.jsp changed
• dspace-admin/wizard-questions.jsp changed
• search/results.jsp changed
• submit/cancel.jsp changed
• submit/change-file-description.jsp changed
• submit/choose-file.jsp changed
• submit/complete.jsp changed
• submit/creative-commons.jsp changed
• submit/edit-metadata.jsp changed
• submit/get-file-format.jsp changed
• submit/initil_questions.jsp changed
• submit/progressbar.jsp changed
• submit/review.jsp changed
• submit/select-collection.jsp changed
• submit/show-license.jsp changed
• submit/show-uploaded-file.jsp changed
• submit/upload-error.jsp changed
• submit/upload-file-list.jsp changed

Changes in DSpace 1.2.1
General Improvements

- Oracle support added
- Thumbnails in item view can now be switched off/on
- Improved item importer
  - can now import to multiple collections
  - added --test flag to simulate an import, without actually making any changes
  - added --resume flag to try to resume the import in case the import is aborted
- Configurable fields for the search index
- Script for transferring items between DSpace instances
- Sun library JARs (JavaMail, Java Activation Framework and Servlet) now included in DSpace source code bundle

Bug fixes

- A logo to existing collection can now be added. Fixes SF bug #1065933
- The community logo can now be edited. Fixes SF bug #1035692
- MediaFilterManager doesn't 'touch' every item every time. Fixes SF bug #1015296
- Supported formats help page, set the format support level to "known" as default
- Fixed various database connection pool leaks

Changed JSPs

- collection-homechanged
- community-homechanged
- display-itemchanged
- dspace-admin/confirm-delete-collectionmoved to tools/ and changed
- dspace-admin/confirm-delete-community moved to tools/ and changed
- dspace-admin/edit-collectionmoved to tools/ and changed
- dspace-admin/edit-community moved to tools/ and changed
- dspace-admin/indexchanged
- dspace-admin/upload-logochanged
- dspace-admin/wizard-basicinfochanged
- dspace-admin/wizard-default-ityemchanged
- dspace-admin/wizard-permissionschanged
- dspace-admin/wizard-questionschanged
- help/formats.htmlremoved
- help/formatschanged
- indexchanged
- layout/navbar-adminchanged

Changes in DSpace 1.2

General Improvements

- Communities can now contain sub-communities
- Items may be included in more than one collection
- Full text extraction and searching for MS Word, PDF, HTML, text documents
- Thumbnails displayed in item view for items that contain images
- Configurable MediaFilter tool creates both extracted text and thumbnails
- Bitstream IDs are now persistent - generated from item's handle and a sequence number
- Creative Commons licenses can optionally be added to items during web submission process

Administration

- If you are logged in as administrator, you see admin buttons on item, collection, and community pages
- New collection administration wizard
- Can now administer collection's submitters from collection admin tool
- Delegated administration - new 'collection editor' role - edits item metadata, manages submitters list, edits collection metadata, links to items from other collections, and can withdraw items
- Admin UI moved from /admin to /dspace-admin to avoid conflict with Tomcat /admin JSPs
- New EPerson selector popup makes Group editing much easier
- 'News' section is now editable using admin UI (no more mucking with JSPs)

Import/Export/OAI

- New tool that exports DSpace content in AIPs that use METS XML for metadata (incomplete)
- OAI - sets are now collections, identified by Handles ('safe' with /, : converted to _)
- OAI - contributor.author now mapped to oai_dc:creator

Miscellaneous
- Build process streamlined with use of WAR files, symbolic links no longer used, friendlier to later versions of Tomcat
- MIT-specific aspects of UI removed to avoid confusion
- Forms now have no-cache directive to avoid trouble with browser 'back' button
- Bundles now have 'names' for more structure in item's content

JSP file changes between 1.1 and 1.2

This list generated with
cvs -Q rdiff -s -r dspace-1_1 dspace and a sprinkling of perl.

- Changed: dspace/jsp/collection-home.jsp
- Changed: dspace/jsp/community-home.jsp
- Changed: dspace/jsp/community-list.jsp
- Changed: dspace/jsp/display-item.jsp
- Changed: dspace/jsp/index.jsp
- Changed: dspace/jsp/home.jsp
- Changed: dspace/jsp/styles.css.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/authorize-advanced.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/authorize-collection-edit.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/authorize-community-edit.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/authorize-item-edit.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/authorize-main.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/authorize-policy-edit.jsp
- Moved to dspace-admin: dspace/jsp/admin/collection-select.jsp
- Moved to dspace-admin: dspace/jsp/admin/community-select.jsp
- Moved to dspace-admin: dspace/jsp/admin/confirm-delete-collection.jsp
- Moved to dspace-admin: dspace/jsp/admin/confirm-delete-community.jsp
- Moved to dspace-admin: dspace/jsp/admin/confirm-delete-dctype.jsp
- Moved to dspace-admin: dspace/jsp/admin/confirm-delete-eperson.jsp
- Moved to dspace-admin: dspace/jsp/admin/confirm-delete-format.jsp
- Moved to dspace-admin: dspace/jsp/admin/confirm-delete-item.jsp
- Moved to dspace-admin: dspace/jsp/admin/confirm-withdraw-item.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/edit-collection.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/edit-community.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/edit-item-form.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/eperson-browse.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/eperson-confirm-delete.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/eperson-main.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/eperson-select.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/get-item-id.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/group-edit.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/group-list.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/index.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/item-select.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/list-communities.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/list-dc-types.jsp
- Removed: dspace/jsp/admin/list-epersons.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/list-formats.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/upload-bitstream.jsp
- Moved to dspace-admin and changed: dspace/jsp/admin/upload-logo.jsp
- Moved to dspace-admin: dspace/jsp/admin/workflow-abort-confirm.jsp
- Moved to dspace-admin: dspace/jsp/admin/workflow-list.jsp
- Moved to dspace-admin and changed: dspace/jsp/browse/authors.jsp
- Changed: dspace/jsp/browse/items-by-author.jsp
- Changed: dspace/jsp/browse/items-by-date.jsp
- Changed: dspace/jsp/browse/no-results.jsp
- New: dspace/jsp/admin/eperson-deletion-error.jsp
- New: dspace/jsp/dspace-admin/news-edit.jsp
- New: dspace/jsp/dspace-admin/news-main.jsp
- New: dspace/jsp/dspace-admin/wizard-basicinfo.jsp
- New: dspace/jsp/dspace-admin/wizard-default-item.jsp
- New: dspace/jsp/dspace-admin/wizard-permissions.jsp
- New: dspace/jsp/dspace-admin/wizard-questions.jsp
- Changed: dspace/jsp/components/contact-info.jsp
- Changed: dspace/jsp/error/internal.jsp
- New: dspace/jsp/help/formats.jsp
- Changed: dspace/jsp/layout/footer-default.jsp
- Changed: dspace/jsp/layout/header-default.jsp
- Changed: dspace/jsp/layout/navbar-admin.jsp
- Changed: dspace/jsp/layout/navbar-default.jsp
- Changed: dspace/jsp/login/password.jsp
- Changed: dspace/jsp/mydspace/main.jsp
- Changed: dspace/jsp/mydspace/perform-task.jsp
- Changed: dspace/jsp/mydspace/preview-task.jsp
- Changed: dspace/jsp/mydspace/reject-reason.jsp
- Changed: dspace/jsp/mydspace/remove-item.jsp
- Changed: dspace/jsp/register/edit-profile.jsp
- Changed: dspace/jsp/register/inactive-account.jsp
Changes in DSpace 1.1.1

Bug fixes

- 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

- 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.)