

Command Line Operations

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The DSpace command launcher or CLI interface offers the execution of different maintenance operations. As most of these are already documented in related parts of the documentation, this page is mainly intended to provide an overview of all available CLI operations, with links to the appropriate documentation.

Executing command line operations

The CLI interface is found at `[dspace]/bin/dspace`. Execute it without arguments or with the `-h` option to see all available operations. Execute `dspace op -h` to see details about the `op` operation.

Examples:

<code>bin/dspace -h</code>
<code>bin/dspace cleanup -h</code>
<code>bin/dspace cleanup</code>
<code>bin/dspace cleanup --verbose</code>

Available operations

General use

- [checker](#): Run the checksum checker
- [checker-emailer](#): Send emails related to the checksum checker
- [classpath](#): Calculate and display the DSpace classpath
- [cleanup](#): Remove deleted bitstreams from the assetstore
- [community-filiator](#): Tool to manage community and sub-community relationships
- [create-administrator](#): Create a DSpace administrator account
- [curate](#): Perform curation tasks on DSpace objects
- [database](#): Perform various tasks / checks of the DSpace database
- [doi-organiser](#): Transmit information about DOIs to the registration agency.
- [dsprop](#): View a DSpace property from `dspace.cfg`
- [dsrun](#): Run a class directly
- [embargo-lifter](#): Pre DSpace 3.0 embargo manager tool used to check, list and lift embargoes
- [export](#): Export items or collections
- [filter-media](#): Perform the media filtering to extract full text from documents and to create thumbnails
- [generate-sitemaps](#): Generate search engine and html sitemaps
- [harvest](#): Manage the OAI-PMH harvesting of external collections
- [import](#): Import items into DSpace
- [index-authority](#): Import of authorities and maintenance of the SOLR authority index
- [index-db-browse](#): General index command (requires extra parameters)
- [index-discovery](#): Update Discovery Solr Search Index
- [index-lucene-init](#): Initialise the search and browse indexes
- [index-lucene-update](#): Update the search and browse indexes
- [itemcounter](#): Update the item strength counts in the user interface
- [itemupdate](#): Item update tool for altering metadata and bitstream content in items
- [make-handle-config](#): Run the handle server simple setup command
- [metadata-export](#): Export metadata for batch editing
- [metadata-import](#): Import metadata after batch editing
- [migrate-embargo](#): Embargo manager tool used to migrate old version of Embargo to the new one included in `dspace3`
- [oai](#): OAI script manager
- [packager](#): Execute a packager
- [rdfizer](#): tool to convert contents to RDF
- [read](#): execute a stream of commands from a file or pipe
- [registry-loader](#): Load entries into a registry
- [setup-database](#): Create the database tables
- [structure-builder](#): Build DSpace community and collection structure
- [sub-daily](#): Send daily subscription notices
- [test-database](#): Test the DSpace database connection (Replaced by "database test" command.)
- [test-email](#): Test the DSpace email server settings are OK
- [update-handle-prefix](#): Update handle records and metadata when moving from one Handle prefix to another
- [user](#): Create, List, Update, Delete EPerson (user) records
- [validate-date](#): Test date-time format rules
- [version](#): Show DSpace version and other troubleshooting information

Legacy statistics

- stat-general: Compile the general statistics
- stat-initial: Compile the initial statistics
- stat-monthly: Compile the monthly statistics
- stat-report-general: Create the general statistics report
- stat-report-initial: Create the initial statistics report
- stat-report-monthly: Create the monthly statistics report

SOLR Statistics

Scripts for the statistics that are stored in SOLR, added in DSpace 1.6.

- [stats-log-converter](#): Convert dspace.log files ready for import into solr statistics
- [stats-log-importer](#): Import previously converted log files into solr statistics
- [stats-log-importer-elasticsearch](#): Import solr-format converted log files into Elastic Search statistics
- [stats-util](#): Statistics Client for Maintenance of Solr Statistics Indexes
- [solr-export-statistics](#): Export statistics data for backup and moving to another server
- [solr-import-statistics](#): Import previously-exported statistics data for restoring lost data or moving to another server
- [solr-reindex-statistics](#): Reindex statistics data, for upgrades or whenever the Solr schema for statistics is changed