

ConfigurationKeyIndex

DSpace Configuration Key Index

This page is intended to be complete list of configuration keys for the current DSpace release, in alphabetical order.

These are the keys that may be used in `config/dspace.cfg`.

It was originally compiled for

a different project, but it's posted on the wiki so the greater DSpace community can refer to it, and correct any errors they find.

Please update this page with any new configuration keys you add, or if you find one we missed.

Note on the format: Any key ending in star (`.*)` is shorthand for "all keys beginning with this prefix". For example, the key `plugin.named.*` means, any key that starts with `"plugin.named."`.

```
assetstore.dir
assetstore.dir.*
```

The first form, `assetstore.dir`, is the pathname of the first directory used by a filesystem-based asset store. You can add more directories (presumably on separate Unix filesystems) with keys such as `assetstore.dir.1`, `assetstore.dir.2`, etc. The first assetstore directory is always 0.

```
assetstore.incoming
```

Specify the number of the store to use for new bitstreams with this property. The default is 0 (zero) which corresponds to the `assetstore.dir` value. A value of 1 corresponds to `assetstore.dir.1`.

```
authentication.x509.autoregister
```

If true, create e-persons for unknown names in valid certificates. Default is `false`.

```
authentication.x509.ca.cert
```

Path of the X.509 certificate identifying the Certifying Authority for acceptable (trusted) client certificates. Default is none.

```
authentication.x509.keystore.password
```

When keystore is used (see below) this is the password to gain access to it.

```
authentication.x509.keystore.path
```

Path of the keystore containing X.509 certificate to identify the acceptable (trusted) Certifying Authorities for client certificates.

```
crosswalk.mods.properties.*
```

Path of a crosswalk configuration file for an instance of the configurable MODS dissemination crosswalk, `MODSDisseminationCrosswalk`. The `*` is replaced by the plugin name which is configured, and the value is a pathname, relative to the value of `dspace.dir`. For example, this line configures a plugin named "MODS":

```
`crosswalk.mods.properties.MODS = crosswalks/mods.props`
```

```
crosswalk.qdc.properties.*
```

Path of a crosswalk configuration file for an instance of the configurable Qualified DC dissemination crosswalk, 'QDCCrosswalk'. The '*' is replaced by the plugin name which is configured, and the value is a pathname, relative to the value of 'dspace.dir'. For example, this line configures a plugin named "QDC":

```
`crosswalk.qdc.properties.QDC = crosswalks/qdc.props`
```

```
crosswalk.qdc.namespace.*
```

Sets the XML namespace(s) for a configurable XSLT submission plugin. The namespace prefix is part of the configuration key, with the following syntax:

```
`crosswalk.qdc.namespace.`plugin`.`prefix` = `namespace-URI`
```

e.g. this defines the 'dc' prefix for the 'QDC' plugin:

```
`crosswalk.qdc.namespace.QDC.dc = http://purl.org/dc/elements/1.1/`
```

```
crosswalk.qdc.schemaLocation.*
```

Sets the schemaLocation URL for a configurable XSLT submission plugin. Replace the '*' with the configured plugin name. The value is the exact value of the 'schemaLocation' attribute, i.e. a namespace URI, whitespace separator, and the schema URL.

```
crosswalk.submission.*
```

Path of an XSL stylesheet for the XSLT-driven submission crosswalk. The structure of the key is:

```
`crosswalk.submission.`plugin`.stylesheet`
```

where *plugin* is the plugin-name. The value of the key is a path, which may be written relative to the 'dspace.dir' directory.

```
dav.access.anonymous
```

Switch to allow anonymous (un-authenticated) access to the WebDAV interface in the LNI. Default is 'false'.

```
dav.debug.xml
```

Switch to enable extra debugging messages showing XML documents sent and received by the WebDAV interface in the [LightweightNetworkInterface LNI](#). They are written to the DSpace log at 'DEBUG' priority. Default is 'false'. Turning this on can be helpful when you are troubleshooting a new WebDAV client.

```
dav.propfind.limit
```

Imposes an artificial maximum limit on the number of objects touched by a recursive 'PROPFIND' request in the WebDAV interface ([LightweightNetworkInterface LNI](#)). Default is no limit. Set this to protect your DSpace server from malicious clients.

```
db.driver
```

Class name of JDBC driver, e.g. 'org.postgresql.Driver'.

```
db.maxconnections
```

Maximum number of DB connections in pool.

```
db.maxidle
```

Maximum number of idle connections in pool (-1 = unlimited).

```
db.maxwait
```

Maximum time to wait before giving up if all connections in pool are busy,in milliseconds.

```
db.name
```

Database's generic name or type: must be "oracle", or "postgres".

```
db.password
```

Database password for login.

```
db.url
```

JDBC URL for connecting to the database.

```
db.username
```

Database username for login.

```
default.language
```

Default language for content of submissions. (NOT for UI.)

```
dspace.dir
```

DSpace installation directory.

```
dspace.hostname
```

Fully-qualified host name of server - should match base URL. Do not include port number

```
dspace.name
```

Human-readable name of the site.

```
dspace.url
```

DSpace base URL. Include port number etc., but NOT trailing slash.Example: ``http://dspace.myu.edu:8080/dspace``

```
handle.prefix
```

Handle prefix assigned by CNRI Handle System, or ``"123456789"`` for a test/development system.

```
ldap.email_field
```

LDAP object field where the user's email address is stored.

```
ldap.enable
```

Switch to activate LDAP authentication module. This is reallyno longer needed with stackable authentication since it can simply be left out of the stack to turn it off, so always set to ``true`` if you are using LDAP at all.

```
ldap.givenname_field
```

LDAP object field where the user's given names are stored.

```
ldap.id_field
```

This is the unique identifier field in the LDAP directorywhere the username is stored.

```
ldap.object_context
```

Object context used when authenticating theuser. It is appended to the `ldap.id_field` and username. Must match the LDAP server configuration.

```
ldap.phone_field
```

LDAP object field where the phone number is stored.

```
ldap.provider_url
```

URL to the institution's ldap server.

```
ldap.search_context
```

Search context used when looking up a user's LDAP object to retrieve their data for autoregistering.

```
ldap.surname_field
```

LDAP object field where the user's last name is stored.

```
log.dir
```

Path of directory for writing DSpace log files.

```
mail.admin
```

General site administration (Webmaster) e-mail address.

```
mail.from.address
```

Email address that mail DSpace sends should appear to come from.

```
mail.server
```

Hostname of SMTP mail server.

```
mail.server.password
```

SMTP mail server authentication password. (Default: none)

```
mail.server.username
```

SMTP mail server authentication username. (Default: none)

```
mets.submission.crosswalk.*
```

Name of crosswalk plugin to call on for metadata identified by the name in place of the "*" in the configuration key. For example, `mets.submission.crosswalk.DC = QDC` means when a METS manifest containing metadata identified as "DC" is ingested, the `QDC` crosswalk plugin gets called to interpret it.

```
mets.submission.preserveManifest
```

Switch controlling whether the METS manifest itself is saved as a bitstream in the `METADATA` bundle. Default is `false`.

```
mets.xsd.*
```

Paths to local XML Schema documents for certain namespaces. The validating parser uses the local versions of the schemas for better speed and reliability. The format of a configuration line is:

```
`mets.xsd.`prefix` = `namespace XSD-path`
```

e.g.

`mets.xsd:dc = <http://purl.org/dc/elements/1.1/> dc.xsd` The prefix is added mainly to keep configuration keys unique. The path is relative to the DSpace installation directory or its `schemas` subdirectory (both are tried).

`oai.didl.maxresponse`

`plugin.named.*`

Named plugin configuration. See PluginManager page for details.

`plugin.reusable.*`

Reusable plugin configuration. See PluginManager page for details.

`plugin.selfnamed.*`

Self-named plugin configuration. See PluginManager page for details.

`plugin.sequence.*`

Sequence plugin configuration. See PluginManager page for details.

`plugin.single.*`

Single plugin configuration. See PluginManager page for details.

`report.dir`

Path to directory where statistics reports are written.

`report.public`

Switch saying whether statistics reports should be visible to the public.

`search.analyzer`

Class name of Lucene analyzer; default is `org.dspace.search.DSAnalyzer`

`search.dir`

Path to directory where search index files are written.

`search.index.*`

DC metadata elements. qualifiers to be indexed for search. See `config/dspace.cfg` for details.

```
search.max-clauses
```

Higher values of search.max-clauses will enable prefix searches to work on large repositories

```
search.maxfieldlength
```

Maximum number of terms indexed for a single field in Lucene.-1 is unlimited.

```
search.operator
```

Boolean operator to use between search terms, `OR` or `AND` (default is `OR`).

```
sfx.server.url
```

SFX query is appended to this URL. If this property is commented out or omitted, SFX support is switched off.

```
srb.defaultstorageresource.*  
srb.homedirectory.*  
srb.host.*  
srb.mcatzone.*  
srb.mdasdomainname.*  
srb.parentdir.*  
srb.password.*  
srb.port.*  
srb.username.*
```

SRB configuration for one SRB instance; replace the `".*"` in keys with a number like `.1`. See `config/dspace.cfg` for details.

```
suggest
```

```
upload.max
```

Maximum size of uploaded files in bytes, negative setting will result in no limit being set

```
upload.temp.dir
```

Path to directory to temporarily store uploaded files.

```
webui.browse.index.author
```

Metadata field name to use for Author browse index, e.g. `dc.contributor.*`.

```
webui.browse.index.date
```

Metadata field name to use for Date browse index, e.g. `dc.date.issued`.

```
webui.browse.index.subject
```

Metadata field name to use for Subject browse index, e.g. `dc.subject.*`.

```
webui.browse.index.title
```

Metadata field name to use for Title browse index, e.g. `dc.title`.

```
webui.browse.thumbnail.linkbehaviour
```

Where should clicking on a thumbnail from browse/search take the user. Only values currently supported are `item` and `bitstream`.

```
webui.browse.thumbnail.maxheight
```

Maximum dimensions of browse and search thumbnail images.

```
webui.browse.thumbnail.maxwidth
```

Maximum dimensions of browse and search thumbnail images.

```
webui.browse.thumbnail.show
```

Switch to enable displaying thumbnails in browse and list views.

```
webui.controlledvocabulary.enable
```

Enable or disable the controlled vocabulary add-on.

```
webui.feed.cache.age
```

Number of hours to keep cached syndication feeds before checking currency.

```
webui.feed.cache.size
```

Maximum number of syndication feeds in memory cache.

```
webui.feed.enable
```

Enable syndication feeds - links display on community and collection home page

```
webui.feed.formats
```


Which syndication formats to offer.

```
webui.feed.items
```

Number of DSpace items per feed (the most recent submissions).

```
webui.feed.localresolve
```

Set to `true` to use local server URLs.

```
webui.item.thumbnail.show
```

Switch: whether to display the thumb against each bitstream.

```
webui.itemdisplay.*
```

Specify which collections use which views by (collection) Handle.

```
webui.itemlist.columns
```

Customise the DC fields to use in the item listing page.

```
webui.ldap.autoregister
```

Switch to enable auto-registering users authenticating through LDAP.

```
webui.licence_bundle.show
```

Switch, whether to display the contents of the licence (aka `LICENSE`) bundle in an Item view.

```
webui.package.default
```

Default package format chosen by `DisseminatePackageServlet`, see patch 1442299.

```
webui.preview.brand.abbrev
```

Abbreviated form of the `webui.preview.brand` text, this will be used when the preview image cannot fit the normal text.

```
webui.preview.brand.fontpoint
```

Point size of brand label font.

```
webui.preview.brand.font
```

Font name of brand label font.

```
webui.preview.brand.height
```

Height in pixels of the brand.

```
webui.preview.brand
```

Brand text, e.g. institution name.

```
webui.preview.enabled
```

Switch to enable item preview.

```
webui.preview.maxheight
```

Maximum dimensions of the preview image.

```
webui.preview.maxwidth
```

Maximum dimensions of the preview image.

```
webui.strengths.show
```

Switch, whether to display collection and community strengths.

```
webui.submit.blocktheses
```

Should the submit UI block submissions marked as theses?

```
webui.submit.enable-cc
```

Switch to enable asking for Creative Commons license in submission UI.

```
webui.suggest.enable
```

Show a link to the item recommendation page from item display page?

```
webui.suggest.recipient
```

Default name of recipient - replaced by user input if present.

`webui.suggest.sender`

Default name of recommender - replaced by user input if present.