Managing User Accounts

When a user registers an account for the purpose of subscribing to change notices, submitting content, or the like, DSpace creates an EPerson record in the database. Administrators can manipulate these records in several ways.

Please note that when a user has submitted content, his EPerson record cannot be deleted because there are references to it from the submitted item (s). If it is necessary to prevent further use of such an account, it can be marked "cannot log in".

From the browser: XMLUI

TBS

From the browser: JSPUI

TBS

From the command line

The `user` command

The `dspace user` command adds, lists, modifies, and deletes EPerson records.

To create a new user account:

```
[dspace]/bin/dspace user --add --email jquser@example.com -g John -s User --password hiddensecret
[dspace]/bin/dspace user --add --netid jquser --telephone 555-555-1234 --password hiddensecret
```

One of the options `--email or --netid` is required to name the record. The complete options are:

-a	--add	required
-m	--email	email address
-n	--netid	"netid" (a username in an external system such as a directory – see Authentication Methods for details)
-p	--password	a password for the account. Required.
-g	--givenname	First or given name
-s	--surname	Last or surname
-t	--telephone	Telephone number
-l	--language	Preferred language
-c	--requireCertificate	Certificate required? See X.509 Authentication for details.

To list accounts:

```
[dspace]/bin/dspace user --list
```

This simply lists some characteristics of each EPerson.

short	long	meaning
-L	--list	required

To modify an account:

```
[dspace]/bin/dspace user --modify -m george@example.com
```

short	long	meaning

-M	--modify	required
-m	--email	identify the account by email address
-n	--netid	identify the account by netid
-g	--givenname	First or given name
-s	--surname	Last or surname
-t	--telephone	telephone number
-l	--language	preferred language
-c	--requireCertificate	certificate required?
-C	--canLogIn	is the account enabled or disabled?
-i	--newEmail	set or change email address
-I	--newNetid	set or change netid

To delete an account:

```
[dspace]/bin/dspace user --delete -n martha
```

short	long	meaning
-d	--delete	required
-m	--email	identify the account by email address
-n	--netid	identify the account by netid

The Groomer

This tool inspects all user accounts for several conditions.

short	long	meaning
-a	--aging	find accounts not logged in since a given date
-u	--unsalted	find accounts not using salted password hashes
-b	--before	date cutoff for --aging
-d	--delete	delete disused accounts (used with --aging)

Find accounts with unsalted passwords

Earlier versions of DSpace used an "unsalted hash" method to protect user passwords. Recent versions use a salted hash. You can find accounts which have never been converted to salted hashing:

Discovering accounts with unsalted password hashes

```
[DSpace]/bin/dsrun org.dspace.eperson.Groomer -u
```

The output is a list of email addresses for matching accounts.

Find (and perhaps delete) disused accounts

You can list accounts which have not logged on since a given date:

Discovering disused accounts

```
[DSpace]/bin/dsrun org.dspace.eperson.Groomer -a -b 07/20/1969
```

The output is a tab-separated-value table of the EPerson ID, last login date, email address, netid, and full name for each matching account.

You can also have the tool delete matching accounts:

Deleting disused accounts

```
[DSpace]/bin/dsrun org.dspace.eperson.Groomer -a -b 07/20/1969 -d
```