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:

<table>
<thead>
<tr>
<th>short</th>
<th>long</th>
<th>meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>-a</td>
<td>--add</td>
<td>required</td>
</tr>
<tr>
<td>-m</td>
<td>--email</td>
<td>email address</td>
</tr>
<tr>
<td>-n</td>
<td>--netid</td>
<td>&quot;netid&quot; (a username in an external system such as a directory – see Authentication Methods for details)</td>
</tr>
<tr>
<td>-p</td>
<td>--password</td>
<td>a password for the account. Required.</td>
</tr>
<tr>
<td>-g</td>
<td>--givenname</td>
<td>First or given name</td>
</tr>
<tr>
<td>-s</td>
<td>--surname</td>
<td>Last or surname</td>
</tr>
<tr>
<td>-t</td>
<td>--telephone</td>
<td>Telephone number</td>
</tr>
<tr>
<td>-l</td>
<td>--language</td>
<td>Preferred language</td>
</tr>
</tbody>
</table>

To list accounts:

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

This simply lists some characteristics of each EPerson.

<table>
<thead>
<tr>
<th>short</th>
<th>long</th>
<th>meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>-L</td>
<td>--list</td>
<td>required</td>
</tr>
</tbody>
</table>

To modify an account:

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

<table>
<thead>
<tr>
<th>short</th>
<th>long</th>
<th>meaning</th>
</tr>
</thead>
</table>
To delete an account:

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

**The Groomer**

This tool inspects all user accounts for several conditions.

**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:

```
[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