



D SPACE

The DSpace Course

Module – Import and Export

- By the end of this module you will:
 - Know how the batch import and export facility works in DSpace
 - Be able to create a DSpace import package
 - Be able to export an item from DSpace

- Scripts:
 - [dspace]/bin/import
 - [dspace]/bin/export

- -h flag for help



archive_directory/

1/

dublin_core.xml -- qualified Dublin Core metadata
contents -- text file containing one line per filename
file_1.doc -- files to be added as bitstreams to the item
file_2.pdf

2/

dublin_core.xml
contents
file_1.png
...

<dublin_core>

<dcvalue element="title" qualifier="none">A Tale of Two Cities</dcvalue>
<dcvalue element="date" qualifier="issued">1990</dcvalue></dublin_core>
<dcvalue element="title" qualifier="alternate" language="fr">J'aime les
Printemps</dcvalue>

</dublin_core>

■ Export script:

- `-d,--dest` destination where you want items to go
- `-h,--help` help
- `-i,--id` ID or handle of thing to export
- `-n,--number` sequence number to begin exporting items with
- `-t,--type` type: COLLECTION or ITEM

■ Export a collection:

- `export -t COLLECTION -i 2160/175 -d . -n 1`

■ Export an item:

- `export -t ITEM -i 2160/565 -d . -n 1`

- Try exporting an item from your test repository
- Try exporting a collection from your test repository
 - Export a collection:
 - `[dspace]/bin/export -t COLLECTION -i 123456789/175 -d . -n 1`
 - Export an item:
 - `[dspace]/bin/export -t ITEM -i 123456789/565 -d . -n 1`

■ Import script:

- `-t,--test` test run - do not actually import items
- `-R,--resume` resume a failed import (add only)
- `-a,--add` add items to DSpace
- `-c,--collection` destination collection(s) Handle or
database ID
- `-d,--delete` delete items listed in mapfile
- `-e,--eperson` email of eperson doing importing
- `-h,--help` help
- `-m,--mapfile` mapfile items in mapfile
- `-p,--template` apply template
- `-r,--replace` replace items in mapfile
- `-s,--source` source of items (directory)
- `-w,--workflow` send submission through collection's
workflow

■ Import script:

- adding items:
 - `[dspace]/bin/import -a -e eperson -c collection -s sourcedir -m mapfile`
- replacing items:
 - `[dspace]/bin/import -r -e eperson -c collection -s sourcedir -m mapfile`
- deleting items:
 - `[dspace]/bin/import -d -e eperson -m mapfile`
- If multiple collections are specified, the first collection will be the one that owns the item.

- One line per import
 - folder name identifier, e.g.

```
1 123456789/102
```

```
2 123456789/103
```

```
3 123456789/104
```

```
4 123456789/105
```

- Download test import files
 - Ask for location
- Run an import
 - Test first
 - Delete map file and import again

- These slides have been produced by:
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 - <http://www.jisc.ac.uk/>

