

OMERO @ CellNanOs

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Problem

Our productive server is a closed system :

- Download for 3rd party analysis via OMERO.insight and OMERO.web has limitations
- Sharing with externals require download and transfer steps
- No access to data across groups (until the introduction of the duplicate function in omero.web)



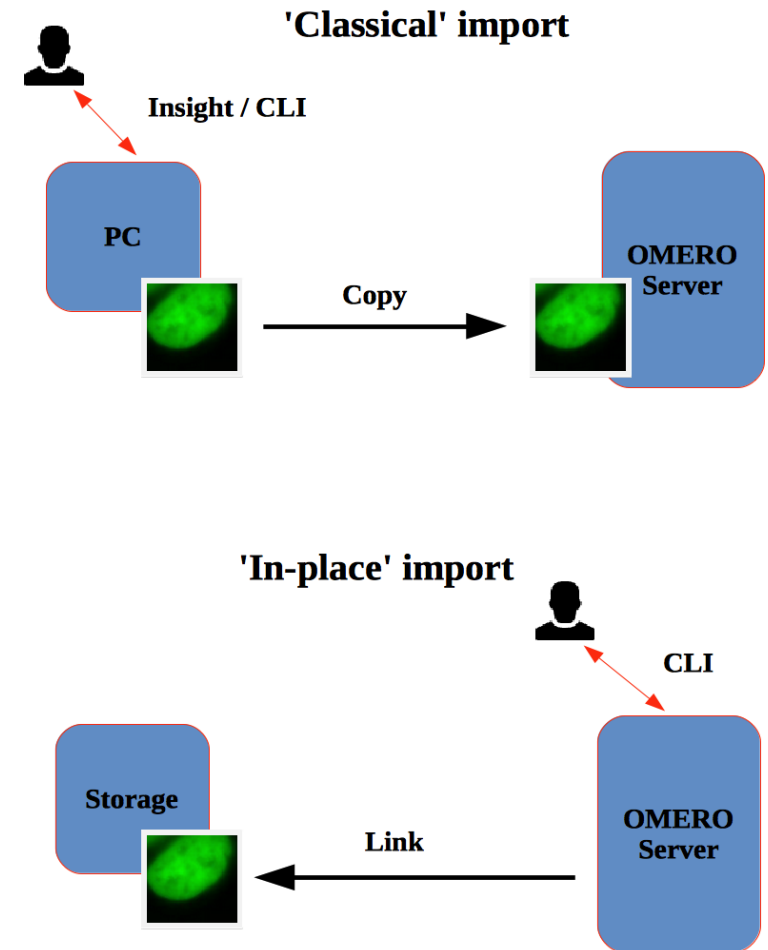
Facilitate access to the data stored in the repository via GUI

(github: <https://github.com/sukunis/OMERO.openlink>)

Sharing

Webdownload

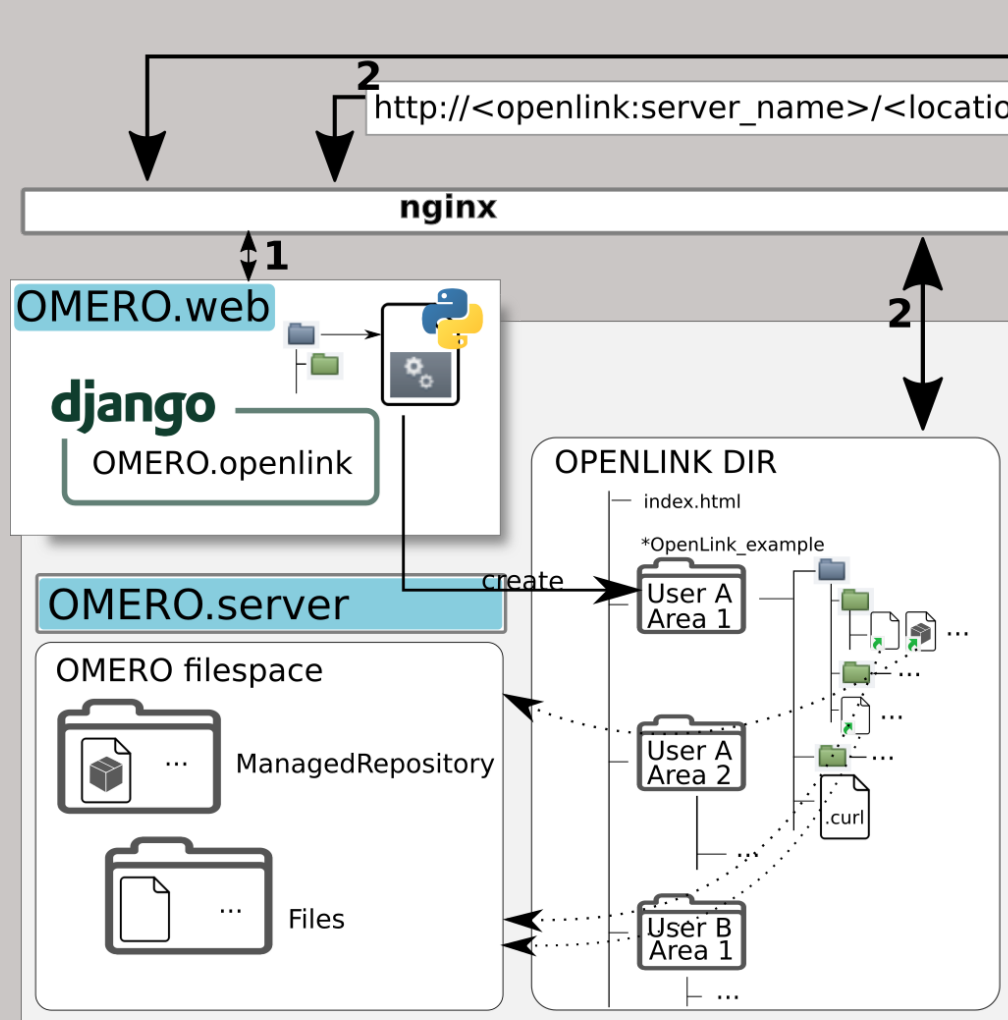
Pooling



from <https://omero-guides.readthedocs.io/en/latest/upload/docs/import-cli.html>



Design



1 `http://<omero:server_name>`

2 `http://<openlink:server_name>/<location>`

Create OpenLink.py

OMERO

Testing Susanne Kunis

Explore Tags Shares

Add filter

Thumbnails

General Acquisition Preview OpenLink

MDE_annotations [created: 02 Jun 2021 (09:09:44 AM)]

Size: 10.0 MB

CLI Batch Download Command:

curl -s http://omero-data.cellnanos.uos.de/...

Delete this area

OpenLink_example [created: 20 May 2021 (06:43:07 PM)]

Size: 2.8 GB

CLI Batch Download Command:

curl -s http://omero-data.cellnanos.uos.de/...

Delete this area

django

Home / ...OpenLink_example

Name	Last Modified	Size
Parent Directory/	-	-
Thesis	2021-12-13 11:16	-
batch_download.curl	2021-12-13 11:17	1.3K
content.json	2021-12-13 11:17	167B

download full content with: `curl -s http://omero-data.cellnanos.uos.de/...OpenLink_example/batch_download.curl | curl -K-`

output with additional xslt stylesheet configuration



HowTo

Create

Home / [OpenLink_example](#)

Name	Last Modified	Size
Parent Directory/	-	-
Thesis	2021-12-13 11:16	-
batch_download.curl	2021-12-13 11:17	1.9K
content.json	2021-12-13 11:17	1670

Manage

Use

Share

Inplace-import intern

Batch web download