

# Update on Fedora 6

CLARIN Centre Meeting 2021

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- **Fedora**: Open source repository system.
- **Version 6** is currently in development, by **Lyrasis**.
- We (and many others) are on **Fedora 3**, planning to switch.
- Ongoing communication with Lyrasis, participation in community events, CLARIN Fedora interest group.

- API very similar compared to versions 4 and 5 (**not** backwards compatible though).
- Underlying code will change more:
  - Replaces *modeshape* (source of major performance issues).
  - Implements **Oxford Common File Layout**<sup>1</sup>.
- **OAI-PMH**: support still open question, no committed statement from Lyrisis.

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<sup>1</sup><https://ocfl.io/>

# Migration from Fedora 3

- Release with migration tool<sup>2</sup>.
- This only works for Fedora 3 - migration from versions 4 or 5 is supposedly slightly more complex.
- **Basic procedure for F3:**
  - Export data from the old repository via the **migration-utils**.
  - **Before** deployment of F6, put the exported *ocfl-root* into the designated Fedora home dir.
  - Then (after some additional config), start the webapp to trigger the import.

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<sup>2</sup><https://github.com/fcrepo-exts/migration-utils>

# Migration Test

- A test migration of our repo was successful (export/indexing took around half a day).
- From Fedora 3 datastreams to OCFL objects to Fedora 6 resources (containers, binaries).
- Documentation<sup>3</sup> got a lot more extensive over time.
- A validation tool<sup>4</sup> exists as well (untested).

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<sup>3</sup><https://wiki.lyrasis.org/display/FEDORA6x/Migrate+to+Fedora+6>

<sup>4</sup><https://github.com/fcrepo-exts/fcrepo-migration-validator>

- Planned release date: **June 18, 2021**.
- OAI-PMH support still pending.
- Ongoing development on the Java client<sup>5</sup>.

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<sup>5</sup><https://github.com/fcrepo-exts/fcrepo-java-client>

- Lyrasis generally answers fast, especially concerning technical questions.  
→ **Mailing list** and **Slack** channel.
- If you want to be involved, just ask Arran Griffith (*arran.griffith[at]gmail.com*) or David Wilcox (*david.wilcox[at]lyrasis.org*).
- Upcoming **migration workshop** by Lyrasis on June 22.