

Custom Fedora 3.x - Install Migration Tool

For current Fedora 3.x installations, follow these instructions to install the appropriate migration tools.

Objectives

- Based on current state of metadata, determine the necessity and extensiveness of metadata remediation
- If remediation is needed, document the goal, the scope of work, decision making process, and timeline in the Metadata Remediation Project Plan
- Reach the stated goal for metadata before migration

Suggested Collaborators

- Project Lead
- Technical Lead
- Developers
- Functional Specialists, i.e. metadata librarians, digital preservation teams etc.
- SME on data and data migration
- IT Department for security and access requirements

Instructions

Fedora 6.x

1. Fedora 6.x can be installed in a number of ways, including local and cloud-based deployments. For step-by-step instructions, please see the [Deployment Guide](#).
2. Before you begin your migration, test the performance and scale of your Fedora 6.x instance to ensure it meets your needs.

Review the [Fedora 6 testing page](#) for a variety of tools, documentation, and instructions. The [JMeter tests](#) will likely be the most relevant in terms of scale testing, and a [metrics dashboard](#) can also be configured to capture a variety of performance metrics.

Tool 1: migration-utils

Migration-utils is a Java command-line tool for migrating from Fedora 3.x to Fedora 6.0, either plain OCFL or Fedora OCFL.

1. Review the latest updates on this tool on this [Github page](#), where you can learn more on how to use it, available Command Line Interface (CLI) options, and property mappings.

Note



This tool does not currently support remapping metadata; it will simply copy the XML metadata files into the new Fedora 6.0 Oxford Common File Layout (OCFL) structure.

2. Watch this [demo](#) on how to run the utility tool:

3. Download the migration-utils JAR file on [GitHub](#).

4. To verify that the JAR file you downloaded is correct, run a checksum on the file to compare against the published md5 or sha1 checksums provided on the Fedora Github repo.
Example command lines:

```
md5sum fcrepo-migration-utils-VERSION-driver.jar
shasum fcrepo-migration-utils-VERSION-driver.jar
    Where VERSION = the current version release
```

5. To verify that the utility works, ensure you are using the latest release version and run the following command in a Command Line Interface (CLI):

```
java -jar fcrepo-migration-utils-[INSERT CURRENT RELEASE VERSION HERE]-driver.jar
```

If the utility works, it should print the CLI options to your screen.

Tool 2: fcrepo-migration-validator

fcrepo-migration-validator is a Java command-line tool for comparing and validating migrations of Fedora 3.x content with source material.

1. Read about the validations that the tool is capable of performing on this [wiki page](#).
2. Review the latest updates on this tool on [this GitHub page](#), where you can also find requirements and CLI options.
3. Watch this [demo](#) on how to run the validator tool:
4. Download the fcrepo-migration-validator JAR file on this [GitHub](#) page.
5. To verify the utility works and ensuring you are using the most current release, run the following command in a Command Line Interface:

```
java -jar fcrepo-migration-utils-[INSERT CURRENT RELEASE VERSION HERE]-driver.jar
```

If the utility works, it should print the CLI options to your screen.

Next Steps:

Before the actual migration, it is highly recommended to conduct a practice run with a sample of your data to help identify and resolve potential issues with the data or with configurations.

Related articles

Content by label

There is no content with the specified labels