



Dovecot Migration Framework Worker
Release Notes for Release 1.1.0
2022-01-31

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1 Shipped Product and Version

Dovecot Migration Framework Worker 1.1.0

Find more information about product versions and releases at http://oxpedia.org/wiki/index.php?title=AppSuite:Versioning_and_Numbering and <http://documentation.open-xchange.com/>.

2 Bugs fixed with this Release

This section provides a summary of bug fixes and changes that have been applied subsequently to shipping Release 1.1.0. Some of the announced bug fixes may have already been fixed at the existing code-base via Patch Releases.

DMF-111 Status of jobs stays in "0" and IllegalArgumentException

Status: Fixed

Root Cause Description:

The Java TimSort algorithm can sometimes detect when a comparator has broken the compareTo contract. We broke the $\text{sgn}(x.\text{compareTo}(y)) == -\text{sgn}(y.\text{compareTo}(x))$ for all x and y by checking if a job created time is after the other job, but not before. Thus, the following can sometimes happen: $-\text{sgn}(x.\text{compareTo}(y)) == -\text{sgn}(y.\text{compareTo}(x))$.

Solution Description:

Use the Instant compareTo to determine sort order when neither job has priority over the other.

Severity: 3

Components: Worker

Affected Packages: open-xchange-dmf-worker

DMF-118 The log processing task can die leading to a deadlock

Status: Fixed

Root Cause Description:

If the log processing thread dies then it can leave the main process in a deadlocked state because the process can no longer write to stdout/err.

Solution Description:

Make the log processing task robust and handle when the task has completed prematurely.

Workaround:

Kill the process.

Severity: 3

Components: Worker

Affected Packages: open-xchange-dmf-worker

3 Changes relevant for Operators

3.1 Changes of Behavior

Change #DMF-119 Add newly documented DoveAdmSync parameters

Status: Done

Resolution: Done

Components: Worker

Affected Packages: open-xchange-dmf-worker

4 Tests

Not all defects that got resolved could be reproduced within the lab. Therefore, we advise guided and close monitoring of the reported defect when deploying to a staging or production environment. Defects which have not been fully verified, are marked as such.

To avoid side effects, the shipped packages have gone through automated regression test on both, a Continuous Integration System and a dedicated server set-up for system and integration testing. All changes have been checked for potential side-effects and effect on behavior. Unless explicitly stated within this document, we do not expect any side-effects.

5 Fixed Bugs

[DMF-111](#), [DMF-118](#),