

# Release notes - docuteam cosmos

Cosmos release notes are split into the following sections: [packer](#), [feeder](#), [rservices](#), and common libraries that provide shared core functionality (tools, darc, converter, aipcreator\*, mapping). Within each section the items are distinguished into three categories: new features, improvements and bugs. The links point to the descriptions and discussions of the issues directly. Please note that you have access only from within our organisation.

## Version 5.5.0

[Version 5.5.0](#), released: 12/Feb/20

This minor version marks our transition to [Bitbucket](#) as CI platform and [Cloudsmith](#) as artifact repository. It also includes one small improvement for the eCH-0160 converter.

### common libraries

#### Improvements

- [COSMOS-469](#) - change delimiter for multi-value fields in eCH-0160 converter to „: “

## Version 5.4.0

[Version 5.4.0](#), released: 22/Nov/19

This minor version contains, apart from a number of smaller improvements and bugfixes, a number of new features, primarily

- the support of the 3-Heights Document Converter webservice
- a configurable feeder operation to convert a eCH-0160 package into Matterhorn METS
- a new feeder operation to replace the file content of a given node (preserving/continuing the existing metadata)

### packer

#### Tasks

- [COSMOS-415](#) - create a packer distribution that includes the aipcreatoreth module

## Improvements

- [COSMOS-440](#) - support disabling the option to delete the sources when creating the SIP

## Bugs

- [COSMOS-79](#) - packer workspace should ignore temporary SIPs ("\*\_COPY\_\*")
- [COSMOS-187](#) - names of default reports should be translated
- [COSMOS-231](#) - fix exception when switching workspace with open SIP
- [COSMOS-236](#) - fix exception when property docuteamPacker.droid.signatureFile is set explicitly
- [COSMOS-309](#) - add missing translation for metadata validator
- [COSMOS-451](#) - fix reading of node order when opening SIPs

# feeder

## New Features

- [COSMOS-301](#) - new feeder operation to replace the file content of a node
- [COSMOS-346](#) - new feeder operation to convert an eCH-0160 SIP into Matterhorn METS

## Bugs

- [COSMOS-45](#) - unlock the SIP in case of error during feeder's SIPConfirmation
- [COSMOS-328](#) - feeder step CreateSIPFromExcel must integrate metadata for empty folders
- [COSMOS-362](#) - fix cleanup operation to check for valid SIPs before deleting zipped/unzipped packages
- [COSMOS-409](#) - fix exception in CreateSIPFromExcel when cell has no value
- [COSMOS-419](#) - use correct parameters for Ghostscript version  $\geq 9.27$
- [COSMOS-449](#) - use correct slf4j libraries

# rservices

## Improvements

- [COSMOS-436](#) - create the zipped DIP in the temporary location before moving it to the final destination

## Bugs

- [COSMOS-246](#) - fix exception of file format report when PUID is not present in the DROID signatures
- [COSMOS-387](#) - include default levels.xml with docuteam-darc library
- [COSMOS-420](#) - Include generic levels.xml in config folder

- [COSMOS-435](#) - rservices should clean up `dip_*` directories in tomcat's temp directory

## common libraries

### New Features

- [COSMOS-39](#) - Integrate platform independent webservice for the 3-Heights document converter

### Improvements

- [COSMOS-340](#) - Use the most recent DROID signatures in config as default (instead of hard-coded default)
- [COSMOS-438](#) - check for valid filenames when unzipping

### Bugs

- [COSMOS-355](#) - sanitize invalid XML characters in metadata values
- [COSMOS-395](#) - fix kerberos authentication for SNBPDFGenerator
- [COSMOS-452](#) - Use correct log4j libraries for logging
- [COSMOS-455](#) - Replace `java.io.File.renameTo(File)` calls with `java.nio.file.Files.move(Path, Path, CopyOption...)`

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## Version 5.3.0

[Version 5.3.0](#), released: 4/Jun/19

In this version, we primarily invested into maintenance work under the hood (upgrading libraries, improving test processes, code cleanup). Also, we fixed a few bugs and included a few client specific improvements.

## packer

### Improvements

- [COSMOS-398](#) - Search should look in CSV and RDF display values as well (not only keys)

### Bugs

- [COSMOS-399](#) - fix GUI exception when metadata fields are navigated with tab
- [COSMOS-403](#) - disable actions when package is not in read-write mode

- [COSMOS-404](#) - forward log messages from the console appender into the console re-director dialog (if installed)

## feeder

### Bugs

- [COSMOS-344](#) - include currently missing libraries in feeder dist

## common libraries

### Bugs

- [COSMOS-308](#) - PDFToolsConverter should check for DLLs of any version („O2PProxy\*.dll“)

### Improvements

- [COSMOS-1](#) - update the truezip libraries to version 7.3
- [COSMOS-5](#) - update DROID libraries to version 6.4
- [COSMOS-299](#) - update default DROID signature files
- [COSMOS-376](#) - SEDA 1: put PREMIS events into comment
- [COSMOS-377](#) - SEDA: support metadata fields on package level as well and add to SEDA manifest
- [COSMOS-252](#) - do all log output through the log4j framework (not directly to the console)

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# Version 5.2.2

[Version 5.2.2](#), released: 26/Mar/19

This release covers a couple of issues connected with file conversions directly from within packer.

## packer

### Improvements

- [COSMOS-385](#) - doesn't display an error when no conversion instruction is found

## Bugs

- [COSMOS-384](#) - configure URL of specific converter service in properties
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# Version 5.2.1

[Version 5.2.1](#), released: 20/Mar/19

This bugfix release covers an issue with the conversion from DublinCore SIPs to Matterhorn METS SIPs.

## common libraries

### Bugs

- [COSMOS-382](#) - update salD attribute when cloning a submission agreement
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# Version 5.2.0

[Version 5.2.0](#) released: 06/Mar/19

This minor version introduces functionality to interact with „docuteam bridge“, a new deposition service. Also, previously client-specific features of „docuteam packer“ were added in a commonly useful way. And packer now also supports doing file conversion directly from within SIPs.

This release also fixes a bug that left a potentially large number of small temporary files behind.

## packer

### New Features

- [COSMOS-300](#) - format conversion for file nodes
- [COSMOS-311](#) - integrate client-specific functionality:
  - [COSMOS-312](#) - ask user to confirm opening a locked SIP
  - [COSMOS-313](#) - add new action to open the file system location of the SIP
  - [COSMOS-315](#) - integrate simple DOI generator
  - [COSMOS-316](#) - support optional sorting of allowedValues alphabetically

# feeder

## New Features

- [COSMOS-321](#) - interaction with docuteam bridge
  - [COSMOS-324](#) - add new feeder operation to check the bridge queue and launch respective workflows (for download, ingest)
  - [COSMOS-325](#) - add new feeder operation to download a specific deposition from bridge
  - [COSMOS-336](#) - submit error status/description to bridge
  - [COSMOS-306](#) - transform Dublin Core SIP to Matterhorn SIP
  - [COSMOS-320](#) - update PID from stored SIP to bridge

## Improvements

- [COSMOS-326](#) - add parameter for SIPFileMigrator to block already migrated files

# rservices

## New Features

- [COSMOS-289](#) - new service to return just the EAD of an object

# common libraries

## New Features

- [COSMOS-278](#) - add new metadata fields
- [COSMOS-138](#) - add new accessor (EAD) for field „Aktenplanposition“
- [COSMOS-197](#) - add new accessor for field „Erwerbsarten“
- [COSMOS-311](#) - integrate client-specific functionality:
  - [COSMOS-314](#) - add new postAction to update parent nodes
- [COSMOS-315](#) - new simple DOI generator (without registration)

## Improvements

- [COSMOS-303](#) - support better handling for multiple linebreaks when serializing

## Bugs

- [COSMOS-356](#) - fix bug with created but not deleted temporary files
- [COSMOS-368](#) - level initialization not in sync (not threadsafe)

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# Version 5.1.1

[Version 5.1.1](#), released: 20/Dec/18

This is a small bugfix release covering an infrastructure issue regarding the DPF4Convert service.

## feeder

### Bugs

- [COSMOS-310](#) - fix dependencies of the DPF4Converter

## common libraries

### Improvements

- [COSMOS-323](#) - use local schemas for DPF4Convert webservice

### Bugs

- [COSMOS-302](#) - fix bug with extent unit that was not written to the mets file
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# Version 5.1.0

[Version 5.1.0](#), released: 02/Nov/18

This minor release covers additional packer features, and introduces a new feeder operation.

## packer

### New Features

- [COSMOS-277](#) - implement features requested by SIAF:
  - [SIAF-111](#) - support version 2.1 of SEDA
  - [SIAF-90](#) - support CSV files as metadata vocabularies
  - [SIAF-114](#) - bundled JRE with distributions

## Bugs

- [COSMOS-85](#) - disable delete file content action in menu in limited-write or read-only mode
- [COSMOS-208](#) - remove empty EAD elements
- [COSMOS-297](#) - fix SEDA 1 export with empty EAD element
- [COSMOS-292](#) - fix tiff preview

## feeder

### New Features

- [COSMOS-220](#) - new operation to verify file extensions

## Bugs

- [COSMOS-274](#) - fix bug with DIP delivery (doesn't fail even though tomcat returns HTTP code 500)
- [COSMOS-279](#) - fix misleading error message for step CreateSIPFromExcel when columns „unittitle“ or „levelOfDescription“ are missing

## rservices

## Bugs

- [COSMOS-280](#) - fix missing property definitions in properties

## common libraries

### Improvements

- [COSMOS-6](#) - filter multiple MIME types received from DROID

## Bugs

- [COSMOS-304](#) - fix XPath for 'function' and 'occupation'

# Version 5.0.0

Version 5.0.0, released: 08/Sep/18

The increased major version was applied because of the extended features introduced especially for docuteam packer.

In addition, a new file conversion service was wrapped, and the conversion function is now accessible as a generic command, i.e. to be run on single files from the command line.

## packer

### New Features

- [COSMOS-266](#) - add multiple features requested by SIAF:
  - [SIAF-7](#) - export SIP in SEDA v1.0 and v2.1
  - [SIAF-8](#) - improve error/warning messages to support translations
  - [SIAF-10](#) - allow manual (re-)ordering of nodes
  - [SIAF-11](#) - support OpenOffice documents in the preview window
  - [SIAF-12](#) - normalize names of folders/files according to a configuration (character replacement, length limit, prefix/suffix)
  - [SIAF-13](#) - add deletion/restitution using special level and actions; possibility to disable actions using property
  - [SIAF-14](#) - report templates can be based on EAD or METS, and create PDF, XML or CSV
  - [SIAF-15](#) - support local SKOS files for setting the allowed values of a metadata field
  - [SIAF-16](#) - select and delete duplicate files based on checksums

### Improvements

- [COSMOS-266](#) - keep last modified date when copying files
- [COSMOS-266](#) - keep date file attributes when copying
- [COSMOS-266](#) - add value „Datei(en)“ for field 1.5

### Bugs

- [COSMOS-239](#) - update/correct documentation in docuteamPacker.properties
- [COSMOS-244](#), [COSMOS-251](#) - add missing and change misleading french translations
- [COSMOS-250](#) - update documentation link
- [COSMOS-143](#) - add value „Datei(en)“ for field „1.5 Einheit“
- [COSMOS-212](#) - prevent levels from appearing multiple times in context menu
- [COSMOS-222](#) - fix bug in levels\_isad-g\_en.xml (not well-formed)

## feeder

### New Features

- [COSMOS-235](#) - allow multiple/multiline parameters for step „Create SIP from Excel“

## common libraries

### New Features

- [COSMOS-203](#) - enable „File Converter“ (ch.docuteam.converter.FileConverter) to be run from the command line
- [COSMOS-232](#) - support for DPF4Convert Web Service (Plossys)
- [COSMOS-28](#) - add new metadata fields to ead: family name, function, occupation

### Improvements

- [COSMOS-131](#) - keep last modified date when copying files using streams
- [COSMOS-132](#) - keep date file attributes when copying
- [COSMOS-213](#) - make docuteam-darc a self-contained distribution

### Bugs

- [COSMOS-11](#) - prevent „create empty“ from deleting existing SIP

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## Version 4.1.0

[Version 4.1.0](#), released: 12/Apr/18

This minor release was created after the logging framework has been upgraded.

## common libraries

### Improvements

- [COSMOS-133](#) - improve logging

# Version 4.0.0

Version 4.0.0, released: 25/Mar/18

Two main aspects were introduced in this major release:

- The code was restructured, the different modules integrated into a single project to simplify versioning and dependency management
- docuteamOAIS was rewritten and renamed to „docuteam rservices“

## packer

### Improvement

- [COSMOS-97](#) - read the specified DROID signature files from properties
- [COSMOS-137](#) - increase memory limit on startup for packer
- [COSMOS-150](#) - improve logging
- [COSMOS-103](#) - improve handling of submission agreements

### Bugs

- [COSMOS-41](#) - fix bug with creating EAD file
- [COSMOS-74](#) - fix bug with starting packer from OSX
- [COSMOS-75](#), [COSMOS-86](#), [COSMOS-155](#) - fix bug with saving modified package
- [COSMOS-110](#) - fix bug with submission agreement
- [COSMOS-146](#) - fix bug with renaming packets
- [COSMOS-154](#) - show a warning on saving package under existing name
- [COSMOS-158](#) - show a warning on closing a modified packet
- [COSMOS-169](#) - sort SIPs in workspace

## feeder

### Improvements

- [COSMOS-95](#) - improve operation ingest feedback filenet
- [COSMOS-162](#) - add build info for feeder

## rservices

### New Features

- [COSMOS-126](#) - rewrite docuteamOAIS as „docuteam rservices“ with an updated REST

framework

## Bugs

- [COSMOS-196](#) - write log file to tomcat log directory

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<https://wiki.docuteam.ch/> - **docuteam wiki**

Permanent link:  
<https://wiki.docuteam.ch/doku.php?id=docuteam:cosmos-releasenews&rev=1581509299>

Last update: **2020/02/12 13:08**

