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, appart 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 >=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…)

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)

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

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 saID attribute when cloning a submission agreement

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)

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

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 XPaths 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

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 modifided 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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