

Entwicklungen 2017, Releasenotes

Under the hood (tools, darc)

Tools

Aktuelle Version ist 1.11.8

New:

- Support for SFTP file transfer
- Support different character sets for zip files
- Optimize checksum calculation method

Darc

Aktuelle Version ist 2.18.7

New:

Submit

- partial submit
- submit using SSH
- additional AIPCreator implementation with additional checks regarding submit status
- submit in AIPCreatorBasic deletes the original SIP now (i.e. effect is a move of the respective SIP)

Migration

- migration keeping original will create subfolder to contain original and derived copy
- support migration from a file to a folder

Function

- remove file content from submitted nodes

Dynamic metadata elements:

- extentNote EAD:did/EAD:physdesc/EAD:extent[@type = 'note']
- to EAD:did/EAD:unitdate[@label = 'to']
- from EAD:did/EAD:unitdate[@label = 'from']
- cartographicMaterial EAD:did/EAD:materialspect[@label = 'cartographic']
- codeLocation EAD:did/EAD:physloc[@label = 'code']
- creator EAD:controlaccess/EAD:persname[@role = 'creator']
- dimensions EAD:did/EAD:physdesc/EAD:dimensions
- DOI EAD:did/EAD:unitid[@type = 'otherStandardIdentifier']
- editionStatement EAD:odd[@type = 'edition']/EAD:p
- fullLocation EAD:did/EAD:physloc[@label = 'fullLocation']

- geogName	EAD:controlaccess/EAD:geogname[@role = 'general']
- institutionCreator	EAD:controlaccess/EAD:corpname[@role = 'creator']
- institutionInvolved	EAD:controlaccess/EAD:corpname[@role = 'involved']
- ISBN	EAD:did/EAD:unitid[@type = 'isbn']
- ISSN	EAD:did/EAD:unitid[@type = 'issn']
- placeOfPublication	EAD:controlaccess/EAD:name[@role =
'placeOfPublication']	
- subjectGeneral	EAD:controlaccess/EAD:subject[@role = 'general']
- uniformTitle	EAD:controlaccess/EAD:title[@type = 'uniform']
- unitTitleVarying	EAD:did/EAD:unittitle[@label = 'varying']
- unitTitleOriginal	EAD:did/EAD:unittitle[@label = 'original']
- format	EAD:did/EAD:physdesc[@label = 'format']
- size	EAD:did/EAD:physdesc[@label = 'size']
- date	EAD:did/EAD:unitdate[@label = 'date']
- event	EAD:odd[@type = 'event']/EAD:p
- lastname	EAD:bioghist[@localtype = 'lastName']/EAD:p
- firstname	EAD:bioghist[@localtype = 'firstName']/EAD:p
- dateOfBirth	EAD:bioghist[@localtype = 'dateBirth']/EAD:p
- nationality	EAD:bioghist[@localtype = 'nationality']/EAD:p
- sex	EAD:bioghist[@localtype = 'sex']/EAD:p

Default expression for dynamic metadata elements:

```
-  
ch.docuteam.darc.mdconfig.MetadataElementDefaultExpressions.extractDateFromF  
ilename(NodeAbstract)  
-  
ch.docuteam.darc.mdconfig.MetadataElementDefaultExpressions.extractTitleFrom  
Filename(NodeAbstract)  
-  
ch.docuteam.darc.mdconfig.MetadataElementDefaultExpressions.extractNotesFrom  
Filename(NodeAbstract)
```

Fixes:

- eCH-0160 support extended (less restrictive)
- Schema location for PREMIS namespace to explicitly refer to version 2.x

Converter

Aktuelle Version ist 1.4.1

New:

- PDF tools converter supports job options
- handle conversions which return multiple files (i.e. folder structure) for a single file

Dependencies:

- Support for 3-Heights Document Converter version 4.8

feeder

Ruby Webapplication

New:

- Rollen-/Gruppenkonzept (Mandantenfähigkeit)
- Anbindung an ein Active Directory
- Load log information per step only when actively chosen to display
- Delete workflow executions
- Completely new proprietary implementation of the observer with better integration and more accurate behavior

Fixes:

- Better performance for DB-resources (large logs)
- Restarting of failed steps should only be possible/displayed for failed workflows
- Security issue with blank accounts
- Upgrade to current Ruby/Rails versions
- Use puma web server (improve stability and performance)

Java Operations

Aktuelle Version ist 3.4.0

New:

- file migration:
 - keeping original will create subfolder to contain original and derived copy
 - collect conversion issues and return with error at the end only.
 - save (and close) SIP after migration even if conversion errors occurred.
 - support parameter to indicate a specific migration configuration file
- new property to select checksum algorithm for new files
- new operation to merge pairs of HTML/PDF files into single nodes with PDF and metadata from HTML.
- use socket streaming for ClamAV in case of remote service
- remove deprecated mailing properties
- support additional dynamic metadata elements (see darc release notes)
- improve eCH-0160-conversion: don't create intermediary folder when converting to/from BAR-SIPs

packer

Aktuelle Version ist 2.14.12

New:

- Support additional dynamic metadata elements (see darc release notes)
- Extended options for submit: partial submit, SFTP, remove original (see darc release notes)
- Add option to delete sources after SIP creation
- New property "docuteamPacker.defaultChecksumAlgorithm" to set a specific checksum algorithm (default is SHA-512)
- Support file migration action (no conversion) with new property to set default behavior (keep/delete original)
- Run a fixity check on the SIP
- New report for appraisal, add property to set a external directory for report templates
- Add export functionality based on EAD using xsl templates (similar reports), uses new property docuteamPacker.exportsDir.[OS]

Fixes:

- Performance/refreshing of workspace table

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