

Package: eatocsv (via r-universe)

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Type Package

Title Download and extract Entity-Attribute metadata into a CSV

Version 0.1.0

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Description Downloads and extracts Entity-Attribute metadata from EML documents stored in a DataONE Member Node

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Encoding UTF-8

LazyData true

Imports dataone, future, magrittr, openssl, stringr

RoxygenNote 7.1.0

Repository <https://amoeba.r-universe.dev>

RemoteUrl <https://github.com/amoeba/eatocsv>

RemoteRef master

RemoteSha 2055adbe38743309ee0d8dd90e00f8465d688e57

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download_objects	<i>Download objects from an MN, optionally in parallel</i>
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Description

This function uses the future package and therefore allows downloads to happen in sequential order or parallel.

Usage

```
download_objects(node, pids, path = getwd(), ext = ".xml", overwrite = FALSE)
```

Arguments

node	(CNodelMNode) The Node to download from
pids	(character) One ore more PIDs to download from the node
path	(character) The destination directory for downloadd Objects
ext	(character) Optional. Specify a custom file extension to add to each downloaded file
overwrite	(boolean) Whether to overwrite existing files (TRUE) or not (FALSE)

Value

(list) A list of file paths for the downloaded files

ea_to_csv	<i>Extract Entity-Attribute information from a set of EML records</i>
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Description

Extract Entity-Attribute information from a set of EML records

Usage

```
ea_to_csv(paths, datetime = Sys.time())
```

Arguments

paths	(character) Paths to one or more EML records to read from
datetime	(optional) Optional. Specify a query time to save with the resulting CSV

Value

(data.frame) A data.frame of Entity-Attribute information

extract_ea	<i>Extract Entity-Attribute information from a set of EML records</i>
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Description

Extract Entity-Attribute information from a set of EML records

Usage

```
extract_ea(paths, datetime = Sys.time())
```

Arguments

paths (character) Paths to one or more EML records to read from
datetime (optional) Optional. Specify a query time to save with the resulting CSV

Value

(data.frame) A data.frame of Entity-Attribute information

extract_keywords	<i>Extract keywords from EML records</i>
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Description

Extract keywords from EML records

Usage

```
extract_keywords(paths, datetime = Sys.time())
```

Arguments

paths (character) Paths to one or more EML records to read from
datetime (optional) Optional. Specify a query time to save with the resulting CSV

Value

(data.frame) A data.frame of keywords, one row per keyword

get_object_ea	<i>Get Entity-Attribute Metadata for one or more Objects</i>
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Description

Get Entity-Attribute Metadata for one or more Objects

Usage

```
get_object_ea(node, identifiers)
```

Arguments

node	(MNode CNode) The Node where the Object(s) can be found
identifiers	The Object's identifier (PID)

Value

(data.frame) A table of entity attribute metadata

sanitize_filename	<i>Sanitize filenames into valid filesystem paths</i>
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Description

This is a custom routine that's probably overly aggressive

Usage

```
sanitize_filename(filenamees)
```

Arguments

filenamees	(character) One or more filenamees to sanitized
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Value

(character) The sanitized filenamees

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