

Package ‘Tantulus’

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Type Package

Title A Tool For Comparing Different Versions of the Vocabulary

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Author Erica Voss [aut, cre],
Clair Blacketer [aut],
Martijn Schuemie [aut],
Anthony Molinaro [aut]

Maintainer Erica Voss <evoss3@its.jnj.com>, Anthony Molinaro <amol19@its.jnj.com>

Description Todo

License Apache License 2.0

VignetteBuilder knitr

Depends DatabaseConnector

Imports SqlRender,
shiny,
DT,
stringdist,
jsonlite

NeedsCompilation no

RoxygenNote 6.0.1

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compareVocabularies	<i>Compare two vocabularies</i>
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Description

Compare two vocabularies

Usage

```
compareVocabularies(connectionDetails, cdmDatabaseSchema,
  oldVocabularyDatabaseSchema = cdmDatabaseSchema,
  newVocabularyDatabaseSchema, findPrevalences = FALSE,
  oracleTempSchema = NULL)
```

Arguments

connectionDetails

An R object of type connectionDetails created using the function createConnectionDetails in the DatabaseConnector package.

cdmDatabaseSchema

The name of the database schema that contains the OMOP CDM instance. Requires read permissions to this database. On SQL Server, this should specify both the database and the schema, so for example 'cdm_instance.dbo'.

oldVocabularyDatabaseSchema

The name of the database schema that contains the old vocabulary instance. Requires read permissions to this database. On SQL Server, this should specify both the database and the schema, so for example 'cdm_vocab.dbo'.

newVocabularyDatabaseSchema

The name of the database schema that contains the ewvocabulary instance. Requires read permissions to this database. On SQL Server, this should specify both the database and the schema, so for example 'cdm_vocab.dbo'.

findPrevalences

A boolean flag to indicate whether or not run FetchPrevalences.sql

oracleTempSchema

For Oracle only: the name of the database schema where you want all temporary tables to be managed. Requires create/insert permissions to this database.

diffVocabularies	<i>Generate a diff between two specified vocabularies.</i>
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Description

This function finds high level differences between two specified vocabularies. The return value, ResultSets, is just a list of results from the specified queries (as well as the name of the JSON file created). The list ResultSets is used to create a JSON object that is written out to a file and is later called by GenerateDiffReport.Rmd.

Usage

```
diffVocabularies(connectionDetails, oldVocabularyDatabaseSchema,
  newVocabularyDatabaseSchema, JSONFileLoc, oracleTempSchema = NULL)
```

Arguments

connectionDetails
An R object of type `connectionDetails` created using the function `createConnectionDetails` in the `DatabaseConnector` package.

oldVocabularyDatabaseSchema
The name of the database schema that contains the old vocabulary instance. Requires read permissions to this database. On SQL Server, this should specify both the database and the schema, so for example `'cdm_vocab.dbo'`.

newVocabularyDatabaseSchema
The name of the database schema that contains the new vocabulary instance. Requires read permissions to this database. On SQL Server, this should specify both the database and the schema, so for example `'cdm_vocab.dbo'`.

JSONFileLoc Location of the JSON file created by the function.

oracleTempSchema
For Oracle only: the name of the database schema where you want all temporary tables to be managed. Requires create/insert permissions to this database.

Details

In an effort to assess the vocabulary proper (rather than the entire CDM), only the following tables are considered: 1. CONCEPT 2. CONCEPT_SYNONYM 3. CONCEPT_ANCESTOR 4. CONCEPT_RELATIONSHIP 5. CONCEPT_CLASS 6. DOMAIN 7. RELATIONSHIP

launchComparisonExplorer

Launch the comparison explorer

Description

Launch the comparison explorer

Usage

```
launchComparisonExplorer(results, launch.browser = TRUE)
```

Arguments

results The data object created by the [compareVocabularies](#).

launch.browser Should the app be launched in your default browser (TRUE), or in a Shiny window (FALSE)?

Details

Launches a Shiny app that allows the user to explore the results of a vocabulary comparison.

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