

Package ‘Ulysses’

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Title Automate OHDSI Study Setup

Version 0.0.2

Description

Automates setup of OHDSI study and provides functions to assist on improving organization and communication of a study.

License Apache License (>= 2)

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Imports cli,
crayon,
fs,
gert,
gh,
glue,
keyring,
lifecycle,
lubridate,
magrittr,
purrr,
rlang,
rstudioapi,
scales,
snakecase,
usethis,
whisker,
withr,
yaml

Suggests knitr,
rmarkdown,
here,
testthat (>= 3.0.0)

Config/testthat/edition 3

VignetteBuilder knitr

R topics documented:

addCohortFolder	2
addConfig	3
addScratchFolder	3
checkConfig	3
checkDatabaseCredential	4
defaultCredentials	4
isOhdsiStudy	4
makeAnalysisScript	5
makeCaprScript	5
makeCohortDetails	6
makeConfig	6
makeContributionGuidelines	6
makeExample	7
makeHowToRun	7
makeInternals	8
makeKeyringSetup	8
makeMeetingMinutes	9
makeNews	9
makeOhdsiProtocol	9
makePassProtocol	10
makeReadMe	10
makeResultsReport	10
makeStudySAP	11
makeWebApiScript	11
newOhdsiStudy	12
publishStudyToRepository	12
requestStudyRepository	13
setCredential	13
setMultipleCredentials	14
setStudyKeyring	15
Index	16

addCohortFolder	<i>Function to create a cohort folder in input/cohortsToCreate</i>
-----------------	--

Description

Function to create a cohort folder in input/cohortsToCreate

Usage

```
addCohortFolder(folderName, projectPath = here::here())
```

Arguments

- | | |
|-------------|----------------------------|
| folderName | The name of the new folder |
| projectPath | the path to the project |

addConfig	<i>Add a line to the config file</i>
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Description

Add a line to the config file

Usage

```
addConfig(block, database = block, projectPath = here::here(), open = TRUE)
```

Arguments

block	the name of the config block
database	the name of the database for the block, default to block name
projectPath	the path to the project
open	toggle on whether the file should be opened

addScratchFolder	<i>Function to create a scratch folder</i>
------------------	--

Description

Function to create a scratch folder

Usage

```
addScratchFolder(projectPath = here::here())
```

Arguments

projectPath	the path to the project
-------------	-------------------------

checkConfig	<i>check if config file is in ohdsi study</i>
-------------	---

Description

check if config file is in ohdsi study

Usage

```
checkConfig()
```

`checkDatabaseCredential`*Function to check the database credential*

Description

Function to check the database credential

Usage

```
checkDatabaseCredential(cred, db, keyringName, verbose = TRUE)
```

Arguments

<code>cred</code>	the credential to set (i.e dbms, user, connectionString)
<code>db</code>	the database prefix for the credential
<code>keyringName</code>	the name of the keyringName for the credential check, this will be the keyring namec
<code>verbose</code>	toggle option to print console message

`defaultCredentials`*Function to list default credentials*

Description

This function builds the standard credential set needed for most connections. If another credential is needed use `c()` to bind the character vector.

Usage

```
defaultCredentials()
```

`isOhdsiStudy`*Function to check if the directory is a picard project*

Description

Function to check if the directory is a picard project

Usage

```
isOhdsiStudy(basePath)
```

Arguments

<code>basePath</code>	the path of the directory
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makeAnalysisScript	<i>Function to create a pipeline task as a Rmd file</i>
--------------------	---

Description

Function to create a pipeline task as a Rmd file

Usage

```
makeAnalysisScript(  
  scriptName,  
  configBlock = NULL,  
  projectPath = here::here(),  
  open = TRUE  
)
```

Arguments

scriptName	The name of the analysis script
configBlock	the name of the config block to use for the script
projectPath	the path to the project
open	toggle on whether the file should be opened

makeCaprScript	<i>Function to create a pipeline task as an R file</i>
----------------	--

Description

Function to create a pipeline task as an R file

Usage

```
makeCaprScript(  
  scriptName,  
  configBlock = NULL,  
  projectPath = here::here(),  
  open = TRUE  
)
```

Arguments

scriptName	The name of the capr file that is being created
configBlock	the name of the config block to use for the script
projectPath	the path to the project
open	toggle on whether the file should be opened

makeCohortDetails	<i>Function to create a cohort details file</i>
-------------------	---

Description

Function to create a cohort details file

Usage

```
makeCohortDetails(projectPath = here::here(), open = TRUE)
```

Arguments

projectPath	the path to the project
open	toggle on whether the file should be opened

makeConfig	<i>Function to create a config.yml file</i>
------------	---

Description

Function to create a config.yml file

Usage

```
makeConfig(block, database = block, projectPath = here::here(), open = TRUE)
```

Arguments

block	the name of the config block
database	the name of the database for the block, default to block name
projectPath	the path to the project
open	toggle on whether the file should be opened

makeContributionGuidelines	<i>R Markdown file to make the contribution guidelines</i>
----------------------------	--

Description

R Markdown file to make the contribution guidelines

Usage

```
makeContributionGuidelines(projectPath = here::here(), open = TRUE)
```

Arguments

projectPath	the path to the project
open	toggle on whether the file should be opened

makeExample	<i>Function to create an example OHDSI script</i>
-------------	---

Description

Function to create an example OHDSI script

Usage

```
makeExample(fileName, savePath = here::here(), open = TRUE)
```

Arguments

fileName	The name of for the file
savePath	the path to save the file, defaults to active directory
open	toggle on whether the file should be opened

makeHowToRun	<i>Function to create a Synopsis file</i>
--------------	---

Description

Function to create a Synopsis file

Usage

```
makeHowToRun(org = NULL, repo = NULL, projectPath = here::here(), open = TRUE)
```

Arguments

org	the name of the organization hosting the repo, for example 'ohdsi-studies'. If null defaults to a dummy text
repo	the name of the study repository on github, defaults to the study title
projectPath	the path to the project
open	toggle on whether the file should be opened

makeInternals	<i>Function to create a pipeline task as an R file</i>
---------------	--

Description

Function to create a pipeline task as an R file

Usage

```
makeInternals(internalsName, projectPath = here::here(), open = TRUE)
```

Arguments

internalsName	The name of the internals file that is being created
projectPath	the path to the project
open	toggle on whether the file should be opened

makeKeyringSetup	<i>Function to create a config.yml file</i>
------------------	---

Description

Function to create a config.yml file

Usage

```
makeKeyringSetup(
  database = NULL,
  configBlock = NULL,
  secret = NULL,
  projectPath = here::here(),
  open = TRUE
)
```

Arguments

database	the name of the database for the project, can be NULL
configBlock	the name of the configBlock to use, can be NULL
secret	a keyword to use as the keyring password to access credentials, if NULL password is ulysses
projectPath	the path to the project
open	toggle on whether the file should be opened

makeMeetingMinutes	<i>Function to create a meeting minutes file</i>
--------------------	--

Description

Function to create a meeting minutes file

Usage

```
makeMeetingMinutes(projectPath = here::here(), open = TRUE)
```

Arguments

projectPath	the path to the project
open	toggle on whether the file should be opened

makeNews	<i>Function to create a NEWS file</i>
----------	---------------------------------------

Description

Function to create a NEWS file

Usage

```
makeNews(projectPath = here::here(), open = TRUE)
```

Arguments

projectPath	the path to the project
open	toggle on whether the file should be opened

makeOhdsiProtocol	<i>R Markdown file to make the ohdsi protocol</i>
-------------------	---

Description

R Markdown file to make the ohdsi protocol

Usage

```
makeOhdsiProtocol(projectPath = here::here(), open = TRUE)
```

Arguments

projectPath	the path to the project
open	toggle on whether the file should be opened

makePassProtocol	<i>R Markdown file to make the pass protocol</i>
------------------	--

Description

R Markdown file to make the pass protocol

Usage

```
makePassProtocol(projectPath = here::here(), open = TRUE)
```

Arguments

projectPath	the path to the project
open	toggle on whether the file should be opened

makeReadMe	<i>Function to create a README file</i>
------------	---

Description

Function to create a README file

Usage

```
makeReadMe(projectPath = here::here(), open = TRUE)
```

Arguments

projectPath	the path to the project
open	toggle on whether the file should be opened

makeResultsReport	<i>Quarto file to make a results report</i>
-------------------	---

Description

Quarto file to make a results report

Usage

```
makeResultsReport(projectPath = here::here(), open = TRUE)
```

Arguments

projectPath	the path to the project
open	toggle on whether the file should be opened

makeStudySAP	<i>Function to create a SAP</i>
--------------	---------------------------------

Description

Function to create a SAP

Usage

```
makeStudySAP(projectPath = here::here(), open = TRUE)
```

Arguments

projectPath	the path to the project
open	toggle on whether the file should be opened

makeWebApiScript	<i>Function to create a pipeline task as an R file</i>
------------------	--

Description

Function to create a pipeline task as an R file

Usage

```
makeWebApiScript(  
  keyringName = NULL,  
  keyringPassword = NULL,  
  projectPath = here::here(),  
  open = TRUE  
)
```

Arguments

keyringName	The name of the keyring for the study, if null defaults to dir basename
keyringPassword	The password for the keyring, if null defaults to ohdsi
projectPath	the path to the project
open	toggle on whether the file should be opened

`newOhdsiStudy`*Function that initializes a new ohdsi study project environment*

Description

Function that initializes a new ohdsi study project environment

Usage

```
newOhdsiStudy(  
  path,  
  projectName = basename(path),  
  author,  
  type,  
  verbose = TRUE,  
  openProject = TRUE  
)
```

Arguments

<code>path</code>	the path where the project sits
<code>projectName</code>	the name of the project
<code>author</code>	the name of the study lead
<code>type</code>	the type of study either Characterization, PLP or PLE
<code>verbose</code>	whether the function should provide steps, default TRUE
<code>openProject</code>	should the project be opened if created

`publishStudyToRepository`*Publish Study to Repo*

Description

Publish Study to Repo

Usage

```
publishStudyToRepository(repoUrl, message = "Initial commit for OHDSI study")
```

Arguments

<code>repoUrl</code>	an https url for the repo remote. Example: https://github.com/Org/repo.git
<code>message</code>	the commit message for your OHDSI study

requestStudyRepository

Email asking to initialize an ohdsi-studies repo

Description

Email asking to initialize an ohdsi-studies repo

Usage

```
requestStudyRepository(
  senderName,
  senderEmail,
  githubUserName = NULL,
  recipientName = NULL,
  recipientEmail = NULL,
  projectPath = here::here(),
  open = TRUE
)
```

Arguments

senderName	your name as the person sending the email
senderEmail	your email address
githubUserName	your github username.
recipientName	the recipients name, defaults to Admin
recipientEmail	the recipients email, defaults to a dummy email
projectPath	the path to the Ulysses project
open	toggle on whether the file should be opened

Details

This function works best if you have properly setup a Github PAT. To configure the PAT follow the [instructions](#) from the gh package.

setCredential

Function to set single credential

Description

Function to set single credential

Usage

```
setCredential(cred, db, keyringName, keyringPassword, forceCheck = TRUE)
```

Arguments

cred	the credential to set (i.e dbms, user, connectionString)
db	the database prefix for the credential
keyringName	the name of the keyringName for the credential set, this will be the keyring namec
keyringPassword	the password for the keyring.
forceCheck	a toggle that will print blurred credentials to check credential

setMultipleCredentials

Function to set multi credentials

Description

Function to set multi credentials

Usage

```
setMultipleCredentials(
  creds,
  db,
  keyringName,
  keyringPassword,
  forceCheck = TRUE
)
```

Arguments

creds	a vector of credentials to set (i.e dbms, user, connectionString). See defaultCredentials on building set
db	the database prefix for the credential
keyringName	the name of the keyringName where the credential will be set
keyringPassword	the password for the keyring.
forceCheck	a toggle that will print blurred credentials to check credential

setStudyKeyring	<i>Function to set study keyring</i>
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Description

Function to set study keyring

Usage

```
setStudyKeyring(keyringName, keyringPassword)
```

Arguments

keyringName	the name of the keyring, this should be the reponame for the study
keyringPassword	a password to access the study keyring

Index

`addCohortFolder`, [2](#)
`addConfig`, [3](#)
`addScratchFolder`, [3](#)

`checkConfig`, [3](#)
`checkDatabaseCredential`, [4](#)

`defaultCredentials`, [4](#)

`isOhdsiStudy`, [4](#)

`makeAnalysisScript`, [5](#)
`makeCaprScript`, [5](#)
`makeCohortDetails`, [6](#)
`makeConfig`, [6](#)
`makeContributionGuidelines`, [6](#)
`makeExample`, [7](#)
`makeHowToRun`, [7](#)
`makeInternals`, [8](#)
`makeKeyringSetup`, [8](#)
`makeMeetingMinutes`, [9](#)
`makeNews`, [9](#)
`makeOhdsiProtocol`, [9](#)
`makePassProtocol`, [10](#)
`makeReadMe`, [10](#)
`makeResultsReport`, [10](#)
`makeStudySAP`, [11](#)
`makeWebApiScript`, [11](#)

`newOhdsiStudy`, [12](#)

`publishStudyToRepository`, [12](#)

`requestStudyRepository`, [13](#)

`setCredential`, [13](#)
`setMultipleCredentials`, [14](#)
`setStudyKeyring`, [15](#)