

# Package ‘Ulysses’

June 28, 2023

**Title** Automate OHDSI Study Setup

**Version** 0.0.1

**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,  
glue,  
lifecycle,  
lubridate,  
magrittr,  
rlang,  
rstudioapi,  
scales,  
snakecase,  
usethis,  
whisker,  
withr,  
yaml

**Suggests** knitr,

rmarkdown,  
testthat (>= 3.0.0)

**Config/testthat/edition** 3

**VignetteBuilder** knitr

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

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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>
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**Description**

Function to create a scratch folder

**Usage**

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

**Arguments**

projectPath	the path to the project
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checkConfig	<i>check if config file is in ohdsi study</i>
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**Description**

check if config file is in ohdsi study

**Usage**

```
checkConfig()
```

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isOhdsiStudy	<i>Function to check if the directory is a picard project</i>
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**Description**

Function to check if the directory is a picard project

**Usage**

```
isOhdsiStudy(basePath)
```

**Arguments**

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

---

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

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

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

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

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



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

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

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

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newOhdsiStudy	<i>Function that initializes a new ohdsi study project environment</i>
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**Description**

Function that initializes a new ohdsi study project environment

**Usage**

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

**Arguments**

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

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`requestStudyParticipation`*Email asking to participant in an ohdsi study*

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**Description**

Email asking to participant in an ohdsi study

**Usage**

```
requestStudyParticipation(  
  senderName,  
  projectPath = here::here(),  
  recipientName = NULL,  
  open = TRUE  
)
```

**Arguments**

<code>senderName</code>	the name of the person sending the email
<code>projectPath</code>	the path to the Ulysses project
<code>recipientName</code>	the name of the person receiving the email
<code>open</code>	toggle on whether the file should be opened

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`requestStudyRepo`*Email asking to initialize an ohdsi-studies repo*

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**Description**

Email asking to initialize an ohdsi-studies repo

**Usage**

```
requestStudyRepo(  
  senderName,  
  projectPath = here::here(),  
  recipientName = NULL,  
  open = TRUE  
)
```

**Arguments**

<code>senderName</code>	the name of the person sending the email
<code>projectPath</code>	the path to the Ulysses project
<code>recipientName</code>	the name of the person receiving the email
<code>open</code>	toggle on whether the file should be opened

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