

# Package ‘org’

July 20, 2022

**Title** Organising Projects

**Version** 2022.7.21

**Description** A system to help you organize projects. Most analyses have three (or more) main sections: code, results, and data, each with different requirements (version control/sharing/encryption). You provide folder locations and 'org' helps you take care of the details.

**Depends** R (>= 3.3.0)

**License** MIT + file LICENSE

**URL** <https://docs.sykdempulsen.no/org/>,  
<https://github.com/sykdempulsen-org/org>

**BugReports** <https://github.com/sykdempulsen-org/org/issues>

**Encoding** UTF-8

**Suggests** testthat, knitr, rmarkdown, rstudioapi, glue

**RoxygenNote** 7.1.2

**VignetteBuilder** knitr

**NeedsCompilation** no

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**Repository** CRAN

**Date/Publication** 2022-07-20 15:50:02 UTC

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initialize\_project     *Initializes project*

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### Description

`org::initialize_project` takes in 2+ arguments. It then saves folder locations in the return value (a new environment) and in `org::project`, which you will use in all of your subsequent code. An additional folder will be created on the user's file system (`org::project$results_today`) which corresponds to `results/YYYY-MM-DD`. The sourced folders are saved into `org::project$env`.

### Usage

```
initialize_project(
  env = new.env(),
  home = NULL,
  results = NULL,
  folders_to_be_sourced = "R",
  source_folders_absolute = FALSE,
  encode_from = "UTF-8",
  encode_to = "latin1",
  ...
)
```

### Arguments

<code>env</code>	The environment that the code will be sourced into (use <code>.GlobalEnv</code> to source code into the global environment)
<code>home</code>	The folder containing <code>'Run.R'</code> and <code>'R/'</code>
<code>results</code>	A folder inside <code>results</code> with today's date will be created and it will be accessible via <code>org::project\$results_today</code> (this is where you will store all of your results)
<code>folders_to_be_sourced</code>	The names of folders that live inside <code>home</code> and all <code>.r</code> and <code>.R</code> files inside it will be sourced into the global environment.
<code>source_folders_absolute</code>	If <code>TRUE</code> then <code>folders_to_be_sourced</code> is an absolute folder reference. If <code>FALSE</code> then <code>folders_to_be_sourced</code> is relative and inside <code>home</code> .
<code>encode_from</code>	Folders current encoding (only used on Windows)
<code>encode_to</code>	Folders final encoding (only used on Windows)
<code>...</code>	Other folders that you would like to reference

### Details

For more details see the help vignette: `vignette("intro", package = "org")`

**Value**

Returns an environment that contains:

- Folder locations
- An environment called `env` into which the code has been sourced into. There is also a side effect where `org::project` mirrors these values.

**Examples**

```
org::initialize_project(
  home = paste0(tempdir(), "/git/analyses/2019/analysis3/"),
  results = paste0(tempdir(), "/dropbox/analyses_results/2019/analysis3/"),
  raw = paste0(tempdir(), "/data/analyses/2019/analysis3/")
)
org::project$results_today
org::project$raw
```

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project	<i>Folders to be used/referenced (environment)</i>
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**Description**

Folders to be used/referenced (environment)

**Usage**

```
project
```

**Format**

An object of class `environment` of length 0.

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set_results	<i>Set results folder after initialization</i>
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**Description**

Set results folder after initialization

**Usage**

```
set_results(results, proj = org::project)
```

**Arguments**

results	A folder inside results with today's date will be created and it will be accessible via org::project\$results_today (this is where you will store all of your results)
proj	The project environment (default is org::project)

**Value**

Nothing. There is a side effect where the environments proj and org::project have the values \$results and \$results\_today altered.

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write_text	<i>Write text to a file</i>
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**Description**

Write text to a file

**Usage**

```
write_text(
  txt,
  file = "",
  header = "**THIS FILE IS CONSTANTLY OVERWRITTEN -- DO NOT MANUALLY EDIT**\r\n\r\n"
)
```

**Arguments**

txt	Text to be written
file	File, passed through to base::cat
header	Optional header that is inserted at the top of the text file

**Value**

No return value.

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