

# Package ‘sdstudio’

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**Title** Companion Application for the 'surveydown' Survey Platform

**Version** 0.2.0

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**Description** Companion package that supports the 'surveydown' survey platform (<<https://surveydown.org>>). The default method for working with a 'surveydown' survey is to edit the plain text 'survey.qmd' and 'app.R' files. With 'sdstudio', you can create, preview and manage surveys with a 'shiny' application as a graphical user interface.

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**URL** <https://sdstudio.surveydown.org>

**BugReports** <https://github.com/surveydown-dev/sdstudio/issues>

**Depends** R (>= 4.1.0)

**Imports** bslib, DBI, dotenv, DT, htmltools, later, pool, RPostgres,  
shiny, shinyAce, surveydown

**Suggests** testthat

**Encoding** UTF-8

**RoxygenNote** 7.3.3

**NeedsCompilation** no

**Repository** CRAN

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## Contents

launch . . . . .	2
<b>Index</b>	<b>3</b>

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launch

*Launch surveydown Studio*

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### Description

This function launches a Shiny app with 3 tabs: Build, Preview, and Responses. The Build tab includes a template selection interface for creating new surveys.

### Usage

```
launch(gssencmode = "auto")
```

### Arguments

**gssencmode** Character string. The GSS encryption mode for the database connection. Defaults to "auto". Options include:

- "auto": Tries "prefer" first, then falls back to "disable" if GSSAPI fails (recommended)
- "prefer": Uses GSSAPI encryption if available, plain connection if not
- "disable": Forces plain connection without GSSAPI encryption

### Value

No return value, called for its side effects of launching a Shiny app.

### Examples

```
if (interactive()) {  
  # Launch studio (uses "auto" mode by default)  
  launch()  
  
  # Launch studio with disabled GSS encryption (for VPN connections)  
  launch(gssencmode = "disable")  
  
  # Launch studio with prefer mode (no fallback)  
  launch(gssencmode = "prefer")  
}
```

# Index

launch, [2](#)