

# Package ‘shinysurveys’

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**Title** Create and Deploy Surveys in 'Shiny'

**Version** 0.1.2

**Description** Easily create and deploy surveys in 'Shiny'. This package includes a minimalistic framework similar to 'Google Forms' that allows for url-based user tracking, customizable submit actions, easy survey-theming, and more.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.1.9000

**Imports** shiny, shinyjs, sass

**Depends** R (>= 2.10)

**NeedsCompilation** no

**Author** Jonathan Trattner [aut, cre] (<<https://orcid.org/0000-0002-1097-7603>>),  
Lucy D'Agostino McGowan [aut],  
Paul Le Grand [ctb]

**Maintainer** Jonathan Trattner <[jdtr@jdtrat.com](mailto:jdtr@jdtrat.com)>

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demo\_survey

*Demo Survey over multiple pages*

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**Description**

This function runs a Shiny app that shows an example of running a demographic survey in Shiny. It has a sample title and description and its theme color can be customized using a hex color code.

**Usage**

```
demo_survey(theme = "#63B8FF")
```

**Arguments**

theme            A valid hex color such as #63B8FF (default)

**Value**

A Shiny App

**Examples**

```
if (interactive()) demo_survey()
```

---

renderSurvey

*Server code for adding survey questions*

---

**Description**

Include server-side logic for shinysurveys.

**Usage**

```
renderSurvey(df, theme = "#63B8FF")
```

**Arguments**

df                A user supplied dataframe in the format of teaching\_r\_questions.  
theme            A valid R color: predefined such as "red" or "blue"; hex colors such as #63B8FF (default)

**Value**

NA; used for server-side logic in Shiny apps.

## Examples

```
if (interactive()) {  
  renderSurvey(df = shinysurveys::teaching_r_questions,  
              theme = "#63B8FF")  
}
```

---

surveyOutput

*Generate the UI Code for demographic questions*

---

## Description

Create the UI code for a Shiny app based on user-supplied questions.

## Usage

```
surveyOutput(df, survey_title, survey_description, ...)
```

## Arguments

`df` A user supplied data frame in the format of `teaching_r_questions`.  
`survey_title` (Optional) user supplied title for the survey  
`survey_description` (Optional) user supplied description for the survey  
`...` Additional arguments to pass into [actionButton](#) used to submit survey responses.

## Value

UI Code for a Shiny App.

## Examples

```
if (interactive()) {  
  surveyOutput(df = shinysurveys::teaching_r_questions,  
              survey_title = "Teaching R Questions",  
              survey_description = "Survey used in the Teaching R Study (McGowan et al., 2021)")  
}
```

---

teaching\_r\_questions *A sample CSV file for demographic questions*

---

**Description**

A dataset containing the prices and other attributes of almost 54,000 diamonds.

**Usage**

teaching\_r\_questions

**Format**

A data frame with 54 rows and 6 columns:

**question:** The question to be asked.

**option:** A possible response to the question. In multiple choice questions, for example, this would be the possible answers. For questions without discrete answers, such as a numeric input, this would be the default option shown on the input. For text inputs, it is the placeholder value.

**input\_type:** What type of response is expected? Numeric, multiple choice, text, etc...

**input\_id:** The input id for Shiny inputs.

**dependence:** Does this question (row) depend on another? That is, should it only appear if a different question has a specific value? This column contains the input\_id of whatever question this one depends upon.

**dependence\_value:** This column contains the specific value that the dependence question must take for this question (row) to be shown.

**required:** logical TRUE/FALSE signifying if a question is required.

**Source**

D'Agostino McGowan Data Science Lab at Wake Forest University.

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