

**This tutorial is deprecated.** Learn more about Shiny at our new location, [shiny.rstudio.com](https://shiny.rstudio.com).

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# Introducing Shiny

Shiny is a new package from RStudio that makes it incredibly easy to build interactive web applications with R.

For an introduction and live examples, visit the [Shiny homepage](#).

## Features

- Build useful web applications with only a few lines of code—no JavaScript required.
- Shiny applications are automatically “live” in the same way that spreadsheets are live. Outputs change instantly as users modify inputs, without requiring a reload of the browser.
- Shiny user interfaces can be built entirely using R, or can be written directly in HTML, CSS, and JavaScript for more flexibility.
- Works in any R environment (Console R, Rgui for Windows or Mac, ESS, StatET, RStudio, etc.)
- Attractive default UI theme based on [Twitter Bootstrap](#).
- A highly customizable slider widget with built-in support for animation.
- Pre-built output widgets for displaying plots, tables, and printed output of R objects.
- Fast bidirectional communication between the web browser and R using the [websockets](#) package.
- Uses a [reactive](#) programming model that eliminates messy event handling code, so you can focus on the code that really matters.
- Develop and redistribute your own Shiny widgets that other developers can easily drop into their own applications (coming soon!).

## Installation

Shiny is available on CRAN, so you can install it in the usual way from your R console:

```
install.packages("shiny")
```

## Let’s Go!

This tutorial covers the basics of Shiny and provides detailed examples of using much of its capabilities. Click the Next button to get started and say hello to Shiny!