

# Shiny: Easy web applications in R

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The **shiny** package provides a framework that makes it easy for *R* users to create interactive web applications. It includes a library of easy-to-use input widgets like sliders, drop-downs, and text fields, and easily displays plots, tables, and summaries.

No knowledge of web technologies is necessary, but Shiny users who do know HTML and JavaScript can extend the framework with new types of input/output widgets and visual themes. These Shiny extensions can then be bundled into *R* packages for easy reuse by other Shiny users.

This talk will include an introduction to Shiny, a walkthrough of simple and complex Shiny applications, and speculation on future directions of the framework.

## References

RStudio, Inc. (2012). Shiny home page, <http://rstudio.com/shiny/>.