

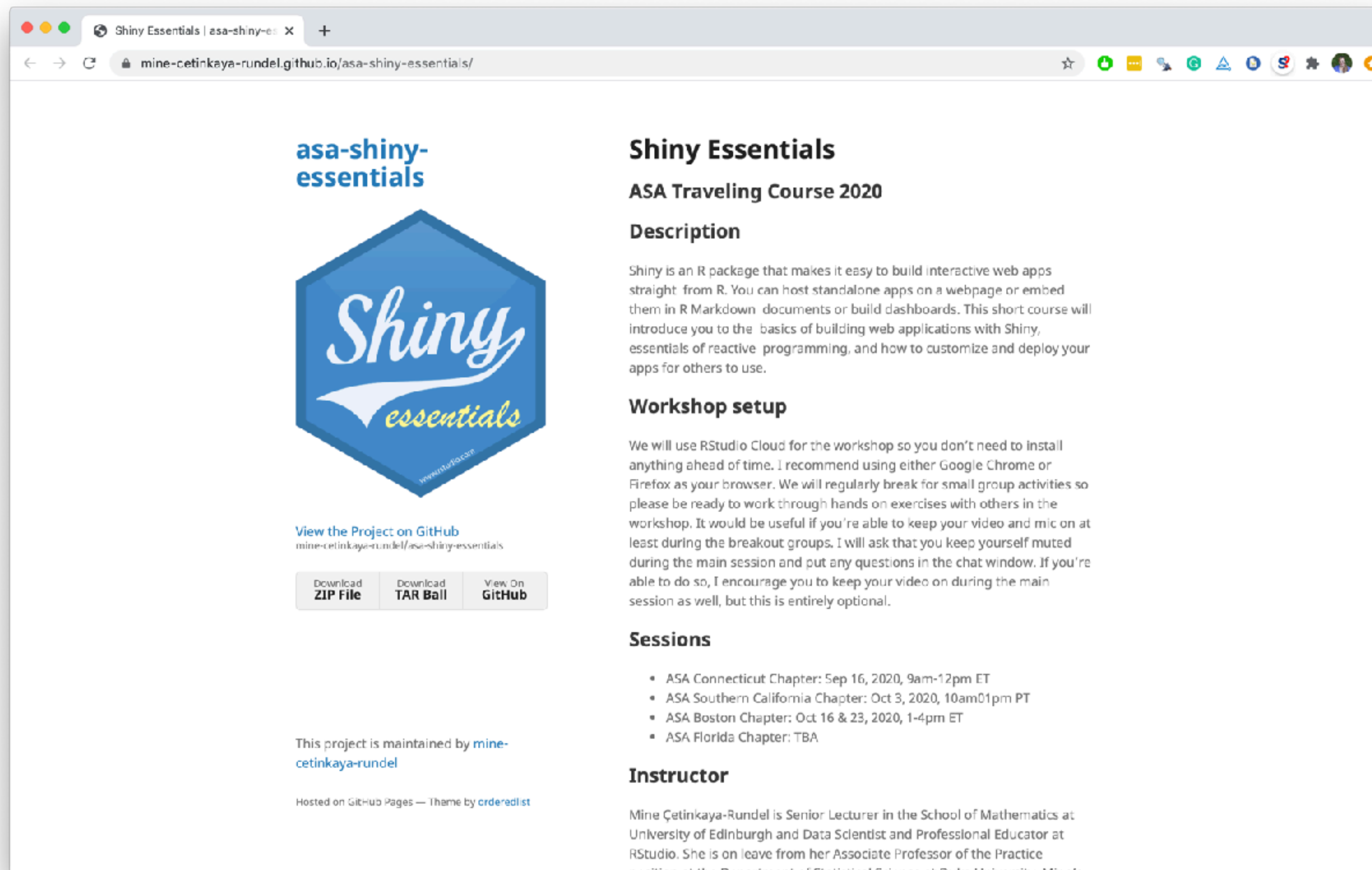


Essentials

Mine Çetinkaya-Rundel


@minebocek 
mine-cetinkaya-rundel 
cetinkaya.mine@gmail.com 

rstd.io/asa-shiny-essentials



The screenshot shows a web browser displaying the 'asa-shiny-essentials' page. The page has a clean, modern design with a white background. On the left side, there is a large blue hexagonal logo with the word 'Shiny' in white script and 'essentials' in yellow script below it. Above the logo, the text 'asa-shiny-essentials' is written in blue. Below the logo, there is a link to 'View the Project on GitHub' and three buttons: 'Download ZIP File', 'Download TAR Ball', and 'View On GitHub'. At the bottom left, it says 'This project is maintained by mine-cetinkaya-rundel' and 'Hosted on GitHub Pages — Theme by orderedlist'.

asa-shiny-essentials



[View the Project on GitHub](#)
mine-cetinkaya-rundel/asa-shiny-essentials

[Download ZIP File](#) [Download TAR Ball](#) [View On GitHub](#)

This project is maintained by [mine-cetinkaya-rundel](#)

Hosted on GitHub Pages — Theme by [orderedlist](#)

Shiny Essentials

ASA Traveling Course 2020

Description

Shiny is an R package that makes it easy to build interactive web apps straight from R. You can host standalone apps on a webpage or embed them in R Markdown documents or build dashboards. This short course will introduce you to the basics of building web applications with Shiny, essentials of reactive programming, and how to customize and deploy your apps for others to use.

Workshop setup

We will use RStudio Cloud for the workshop so you don't need to install anything ahead of time. I recommend using either Google Chrome or Firefox as your browser. We will regularly break for small group activities so please be ready to work through hands on exercises with others in the workshop. It would be useful if you're able to keep your video and mic on at least during the breakout groups. I will ask that you keep yourself muted during the main session and put any questions in the chat window. If you're able to do so, I encourage you to keep your video on during the main session as well, but this is entirely optional.

Sessions

- ASA Connecticut Chapter: Sep 16, 2020, 9am-12pm ET
- ASA Southern California Chapter: Oct 3, 2020, 10am01pm PT
- ASA Boston Chapter: Oct 16 & 23, 2020, 1-4pm ET
- ASA Florida Chapter: TBA

Instructor

Mine Çetinkaya-Rundel is Senior Lecturer in the School of Mathematics at University of Edinburgh and Data Scientist and Professional Educator at RStudio. She is on leave from her Associate Professor of the Practice position at the Department of Statistical Science at Duke University. Mine's



Workshop activities

OPTION 1



rstudio.io/asa-shiny-cloud

log in and sit tight

OPTION 2



rstudio.io/asa-shiny-essentials

1. View the Project on GitHub
2. Clone or download
3. Launch `asa-shiny-essentials.Rproj`



Meet & greet



Mine Çetinkaya-Rundel

Senior Lecturer, University of Edinburgh

Professional Educator & Data Scientist, RStudio

Associate Professor of the Practice, Duke Statistical Science

Asking for help

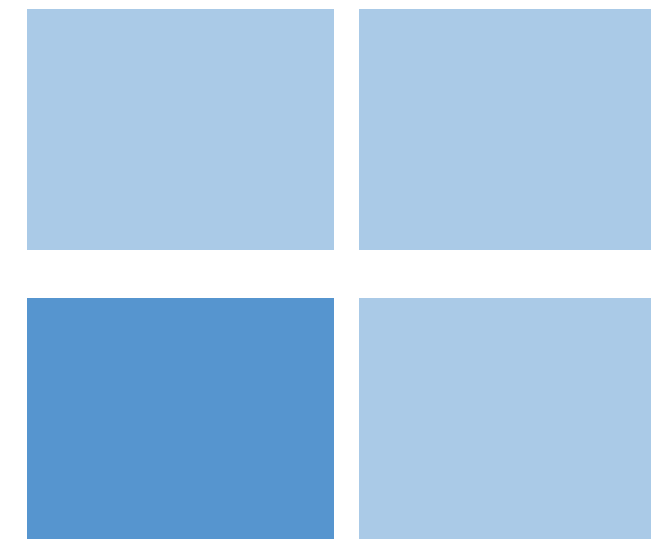


Raise hand



Ask in chat

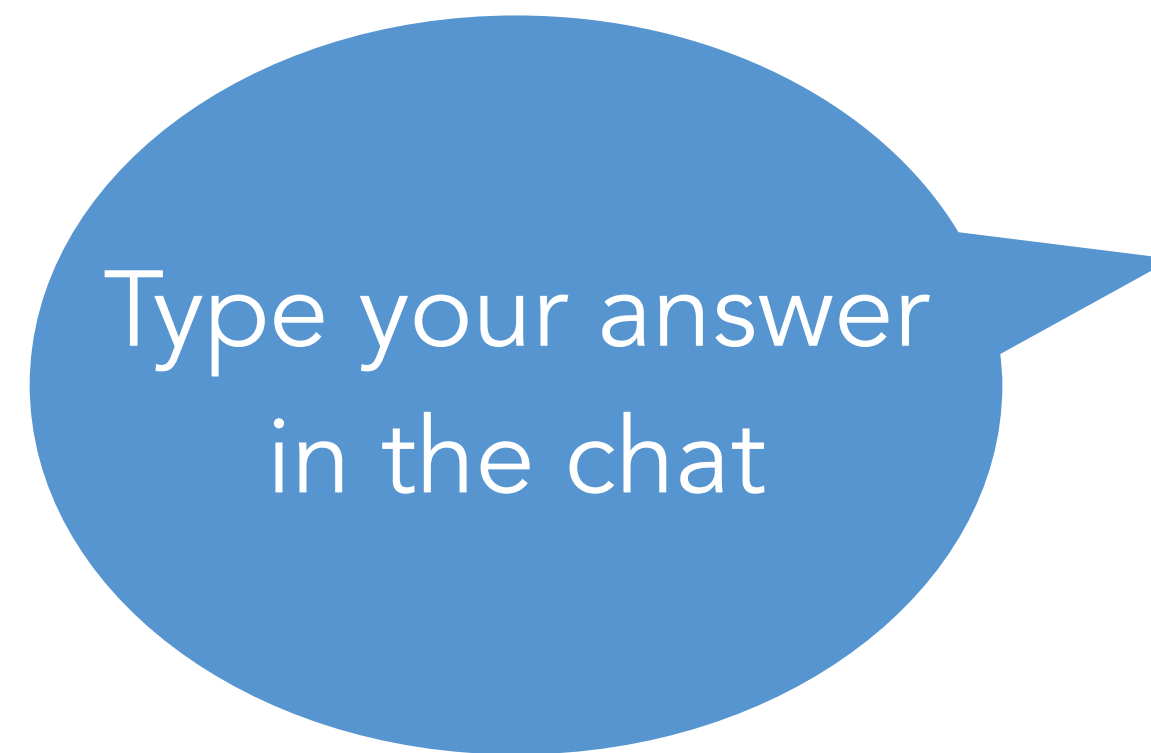
Activities



YOUR TURN



DEMO



QUESTION



SOLUTION



- Meet and greet
- Get access to materials on RStudio Cloud or download them to work on the exercises locally



5_m 00_s

Overview

- 01 - Getting started with Shiny
- 02 - Understanding reactivity
- 03 - Designing UI
- 04 - Dashboards
- Lots of info!
- Lots of "your turn" breaks

