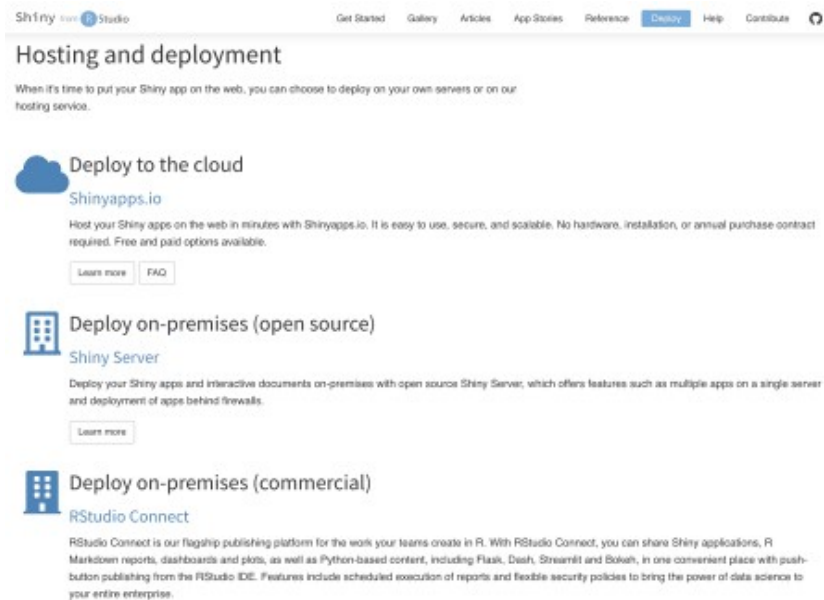


...Certain use cases need to be run locally, most web applications deserve to be hosted on the web. The official [Shiny documentation](#) on the RStudio website offers 3 ways of putting Shiny applications on the web:

1. **Shinyapps.io**: free or paid cloud hosting with push button publishing
2. **RStudio Connect**: paid self hosted option for authoring Shiny apps among many other things with push button or git based publishing
3. **Shiny Server**: free self hosted option with file transfer based publishing (the paid Pro version is discontinued in favour of RStudio Connect)



Official deployment options for Shiny by RStudio

Push button publishing is available for Shinyapps.io and RStudio Connect from the RStudio IDE (desktop or server edition) or from any R console using the [rconnect](#) R extension package.

Shinyapps.io

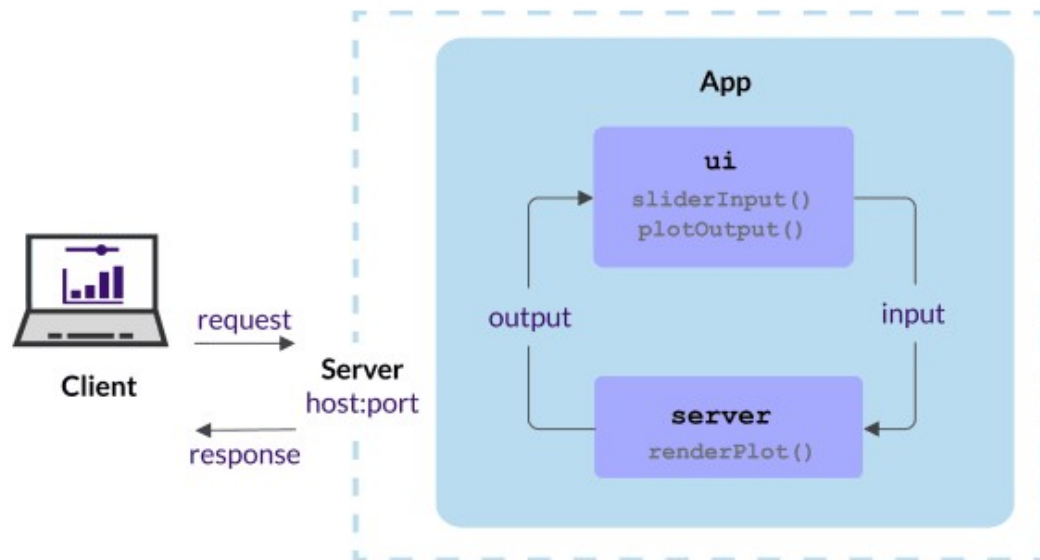
Shinyapps.io is the easiest and quickest way for sharing Shiny apps with the world. Apps are hosted in the cloud on shared servers operated by RStudio. Apps are self contained and isolated from each other. Connections are encrypted (HTTPS) by default.

The Anatomy of a Shiny Application

Shiny lets you quickly build web applications using the R programming language. In this post I will walk you through how a Shiny application is structured. The goal is simply to have the most basic and dependency free app that we can deploy. Let's get going!



Hosting Data AppsPeter Solymos

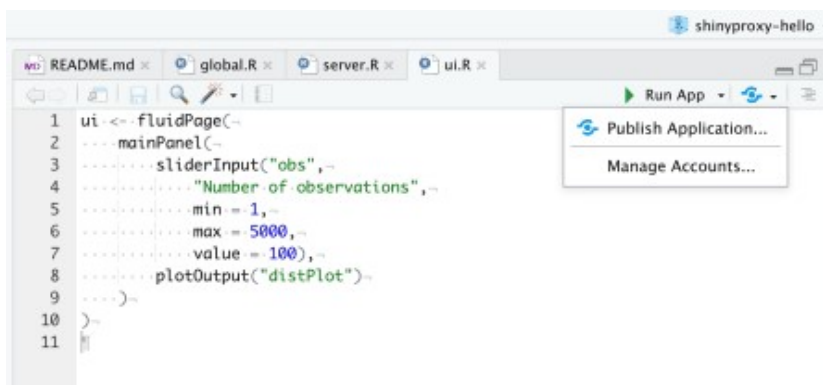


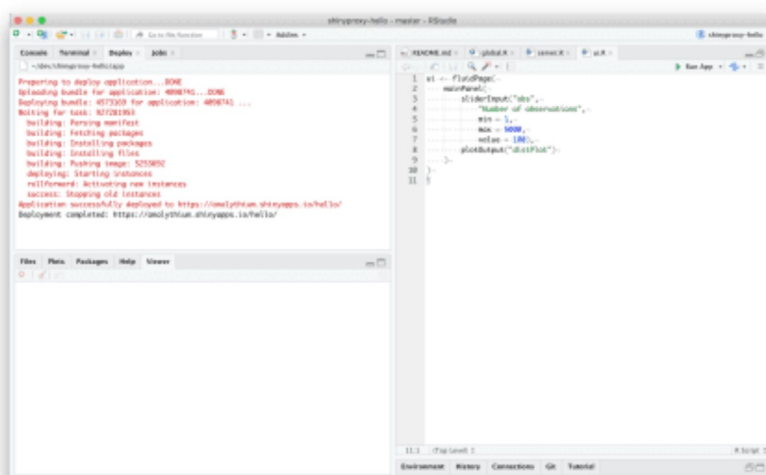
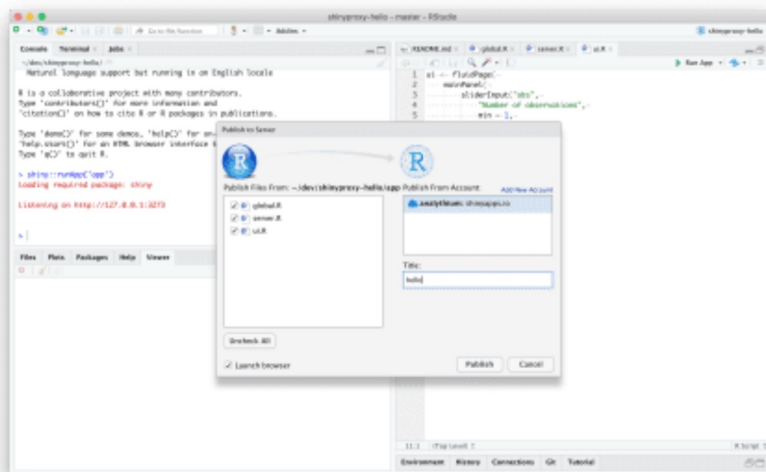
To be able to take advantage of push button publishing from RStudio IDE, complete the following prerequisites:

- Install a recent version of [RStudio IDE](#)
- Install R and the `rsconnect` R package (`install.packages("rsconnect")`)
- Create a [Shinyapps.io](#) account
- [Configure rsconnect](#) using a token

The following image gallery shows how to deploy the [Hello app](#) to the Shinyapps.io service:

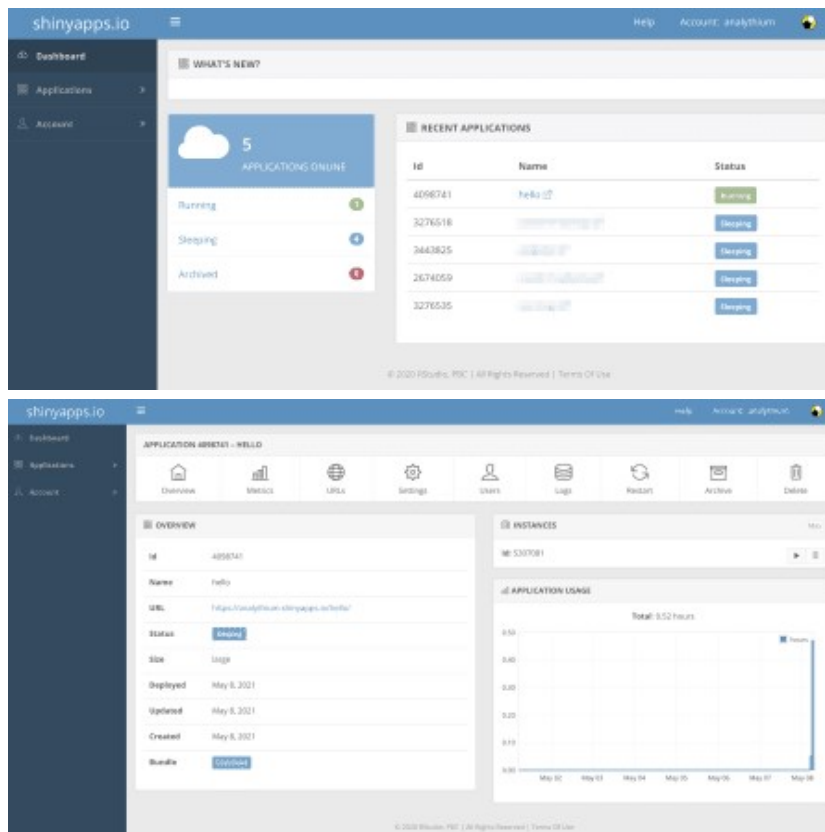
1. Open up the project in RStudio IDE, click the Publish button at the top of the file editor pane then click Publish Application
2. Select the account you wish to deploy to if you set up multiple accounts, name the app (here we use 'hello'), and select what files to deploy as part of the app
3. Wait until the deployment is complete, you can follow the process in the Deploy pane
4. The browser is launched with the new deployment by default, check that everything works as expected





Steps to deploy the hello app to Shinyapps.io / © Analythium

Your newly deployed app will be available at <https://username.shinyapps.io/apppname>. The dashboard in your Shinyapps.io account will list the 'hello' app. Click on the app to see usage statistics and [settings](#). This is the place where you can archive or delete the app too.



Application settings and monitoring in the Shinyapps.io dashboard

The `deployApp()` command from the `rsconnect` package is used in the background to deploy the app to Shinyapps.io. The command works from the command line to initially deploy and later to redeploy the app.