

Getting your apps online: advantages

- They'll have their own web address
- Can share them with other people who don't have R and RStudio installed.

Getting your apps online: two options

- A free shiny apps place in the cloud (you pay money for more apps and computer time). We'll get that going.

<https://www.shinyapps.io>

- At NIWA there's a computer setup to run shiny apps. A bit more setup required. However you/IT can control any special requirements for the app, and don't pay for extras.

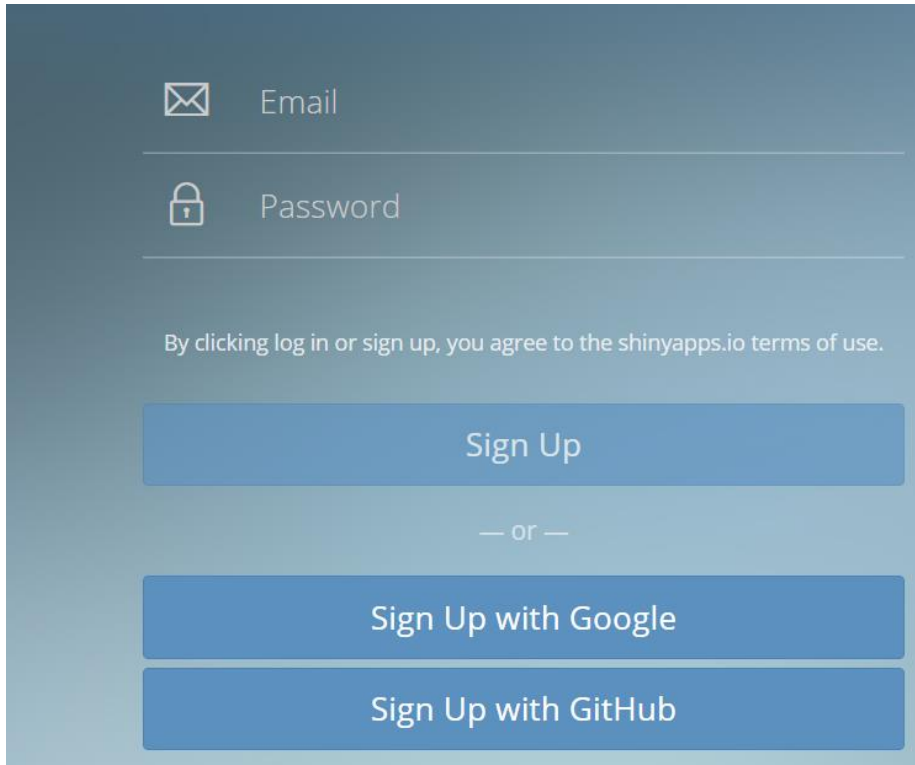
Ask **Mark Studstrup** about this.

Getting your apps online: setup

- Open RStudio, as you'll need to paste some code into the R console window
- Go to this web address and click on “Sign Up”

<https://www.shinyapps.io>


Getting your apps online: setup

A screenshot of the Shinyapps.io sign-up form. It features a dark blue background with white text and icons. At the top, there are two input fields: 'Email' with an envelope icon and 'Password' with a lock icon. Below these fields is a line of text: 'By clicking log in or sign up, you agree to the shinyapps.io terms of use.' Underneath this text is a large blue button labeled 'Sign Up'. Below the button is a separator '— or —'. At the bottom, there are two more blue buttons: 'Sign Up with Google' and 'Sign Up with GitHub'.

Put in an email address, and password, then click on “Sign Up”

Verify your email address (it'll get an email for this). Go back to the account setup browser window.

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 ACCOUNT SETUP

Let's get started

You'll need an account before you can deploy any applications. Account names can contain letters, numbers and hyphens, but can't start with a hyphen or a number, and can't end with a hyphen. Pick an account name below to proceed.

https://

account

.shinyapps.io

Save

Substitute “account” in the above with what you want for your account name

Click “Save”

Getting your apps online: setup

GETTING STARTED

Hi! You must be new here...

Thanks for trying out shinyapps.io! You'll need to install the `rsconnect` R package to get started. The `rsconnect` package enables you to deploy and manage your Shiny applications directly from your R console. To get started, fire up your favorite IDE, and follow the directions below.

STEP 1 – INSTALL RSCONNECT

The `rsconnect` package can be installed directly from CRAN. To make sure you have the latest version run following code in your R console:

```
install.packages('rsconnect')
```

Run the code in your console: `install.packages('rsconnect')`

Click “Yes” to anything odd that comes up (e.g. restart R)

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STEP 2 – AUTHORIZE ACCOUNT

The `rsconnect` package must be authorized to your account using a token and secret. To do this, click the copy button below and we'll copy the whole command you need to your clipboard. Just paste it into your console to authorize your account. Once you've entered the command successfully in R, that computer is now authorized to deploy applications to your shinyapps.io account.

```
rsconnect::setAccountInfo(name='tempjohnsmith',  
                           token='72D59E2959AE8782BBB4FF0F87E3D0BE',  
                           secret='<SECRET>')
```

Show secret

 Copy to clipboard

In the future, you can manage your tokens from the [Tokens](#) page the settings menu.

Click on “Copy to clipboard”

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www.shinyapps.io says

Copy to clipboard: Ctrl+C, Enter

(I've covered up the token here, for what it matters)

```
rsconnect::setAccountInfo(name='tempjohnsmith', token=
```

OK

Cancel

Push “Enter” on the keyboard, or type Ctrl+C

Go to the RStudio console, paste, then enter to run the above

All ready to go! Time to publish app online


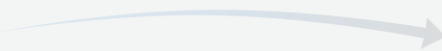

Let's say you have a working app in the editor window

Click on the Publish icon (to the right of the Run App icon)




All ready to go! Time to publish app online


Publish to Server



Publish Files From: **.../ShinyApps/Default**

☒  app.R

Publish From Account: [Add New Account](#)

 **tempjohnsmith:** shinyapps.io

Title:
Default

☒ Launch browser

Change the title for the app if you wish

Click on “Publish”

All ready to go! Time to publish app online

Interesting stuff will happen in the “Deploy” tab (lower-left panel) for about a minute.

Then a browser window will pop-up with your app online. You can copy this web address to someone else and they can run the app.

Refresh your shinyapps dashboard window (i.e. where you were doing all the setup) and you’ll see the app is run. You can logout of the dashboard window, and close it - it doesn’t need to be open to publish and run an app.

<https://www.shinyapps.io/admin/#/dashboard>

All ready to go! Time to publish app online

Free account gives you five applications, and 25 active hours per month.

FREE	STARTER	BASIC	STANDARD	PROFESSIONAL
\$0 /month	\$9 /month (or \$100/year)	\$39 /month (or \$440/year)	\$99 /month (or \$1,100/year)	\$299 /month (or \$3,300/year)
New to Shiny? Deploy your applications for FREE.	More applications. More active hours!	Take your users to the next level!	Password protection? Authenticate your users!	Professional has it all! Personalize your domains.
5 Applications	25 Applications	Unlimited Applications	Unlimited Applications	Unlimited Applications
25 Active Hours	100 Active Hours	500 Active Hours	2,000 Active Hours	10,000 Active Hours
✓ Community Support	✓ Premium Email Support	✓ Performance Boost	✓ Authentication	✓ Authentication
i RStudio Branding		✓ Premium Email	✓ Performance Boost	✓ Account Sharing