

```
install.packages("blogdown")
```

```
blogdown::new_site()
```



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# | 6 steps to creating a website with **BLOGDOWN**



# Why have a website?



## Why use blogdown?

- **Static website**
- **Rmarkdown**
- **Easy and Flexible**



# Examples

<https://docs.google.com/presentation/d/e/2PACX-1vRa7DxzR5AM6yHlrm05gndaJ5yD-HzSLZgV-V-gOZ-oqyHnHgb8V7D4by-SOhVficzlSKzpz7FzztmJ/pub?start=true&loop=false&delayms=1000>

## Step 1. Get the package

```
install.packages("blogdown")
```

```
blogdown::install_hugo()
```





## Step 2: Start a site

## Start a new Rstudio project (File > Project) or make a new empty folder

```
blogdown::new_site()
```



## Step 3: Customize Site

```
## open blog/config.toml
```

```
baseURL = "https://www.brettory.com"
```

```
languageCode = "en-us"
```

```
title = "Brett's corner of the internet"
```

```
theme = "hugo-lithium-theme"
```

```
[[menu.main]]
```

```
    Name = "Twitter"
```

```
    url = "https://twitter.com/rladiesrdam"
```

```
[[menu.main]]
```

```
    Name = "GitHub"
```

```
    Url = "https://github.com/rladies"
```



## Step 4: New post .Rmd file

```
## /content/post/RladiesRdam/RladiesRdam.Rmd

---
title: "Blogdown demonstration for R-ladies Rotterdam"
thumbnailImagePosition: left
thumbnailImage:
https://rladies.org/wp-content/uploads/2016/12/R-LadiesGlobal.png
coverImage: https://rladies.org/wp-content/uploads/2016/12/R-LadiesGlobal.png
metaAlignment: center
coverMeta: out
date: 2018-02-24T21:13:14-05:00
categories: ["Rladies"]
tags: ["R", "blogdown", "data science", "Rladies", "Netherlands"]
---
```

This post is written in honor of the first R-ladies meetup in the Netherlands.





## Step 5: Serve site

```
## Publish content to "public" folder
```

```
blogdown::serve_site()
```



## Step 6: Netlify

## Get that file online!

1. Go to <https://www.netlify.com/>
2. Create an account
3. Copy the public folder into the "deploy" window on Netlify



**Example!**

# How do I Link to that?



- [image online] ([www.image.jpg](http://www.image.jpg))
- ![local image] (/img/Graph.jpg)
- Local data

```
```{r}  
data <- read.csv(/data/data.csv)  
```
```

- Shiny app (see [next slide](#))
- [Website] ([www.website.com](http://www.website.com))



## Link to a shiny app (must be posted online, e.g. [user.shinyapps.io](https://user.shinyapps.io/))

```
```\n<iframe width="700" height="400" scrolling="no"\nframeborder="no"\nsrc="https://user.shinyapps.io/myapp/">\n</iframe>\n```\n
```

## Other options

- Choose a theme at <https://themes.gohugo.io/>
- Set up automatic deploys to Netlify with GitHub
- Get custom URL
- Install MathJax to write mathematical notation (if not already included in your theme)

For further questions, read the handbook:

<https://bookdown.org/yihui/blogdown/>

Or email me (Brett):

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