Forwards Package Development Workshop for Women

https://github.com/forwards/workshops

https://github.com/forwards/mylittlepony

https://github.com/forwards/hadcol

eRum 2018

Forwards Teaching Team

http://forwards.github.io/

@R_Forwards

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Outline

9:00 - 10:30 make code into an R package

11:00 - 12:30 do collaborative coding with GitHub

13:30 - 15:00 write a vignette and build a package web page

15:30 - 17:00 submit a package to CRAN

Preliminaries

Introductions

Isabella Gollini

@IsabellaGollini

Heather Turner

@HeathrTurnr

Your turn

This means that you have to work!

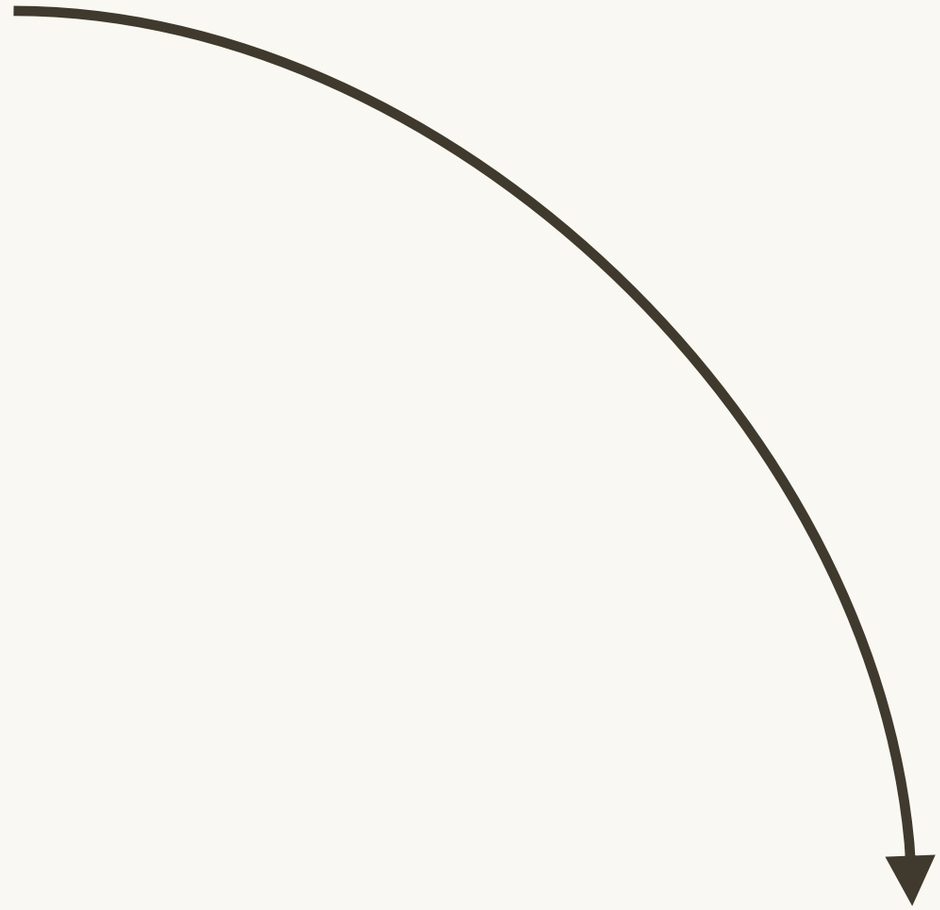
This course is very hands on, and while we're here to help you, the **best** resource is often the person sitting next to you.

- Introduce yourself to your neighbours. Who are you and what are you using R for?

Script

One off data analysis

Primarily side-effects



Package

Defines reusable components

No side-effects

Why make a reusable component?

- You want to **test** it
- You want to **generalise** it
- You want to **document** it
- You want to **share** it

The material is mostly drawn from

Women's coding workshop

http://bit.ly/forwards-nz

December 2017

Hadley Wickham,
Jenny Bryan,
Di Cook

... that was mostly drawn from

http://r-pkgs.had.co.nz

https://amzn.com/1491910399

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The bad news:
It's going to be frustrating

http://hyperboleandahalf.blogspot.com/2010/09/four-levels-of-social-entrapment.html

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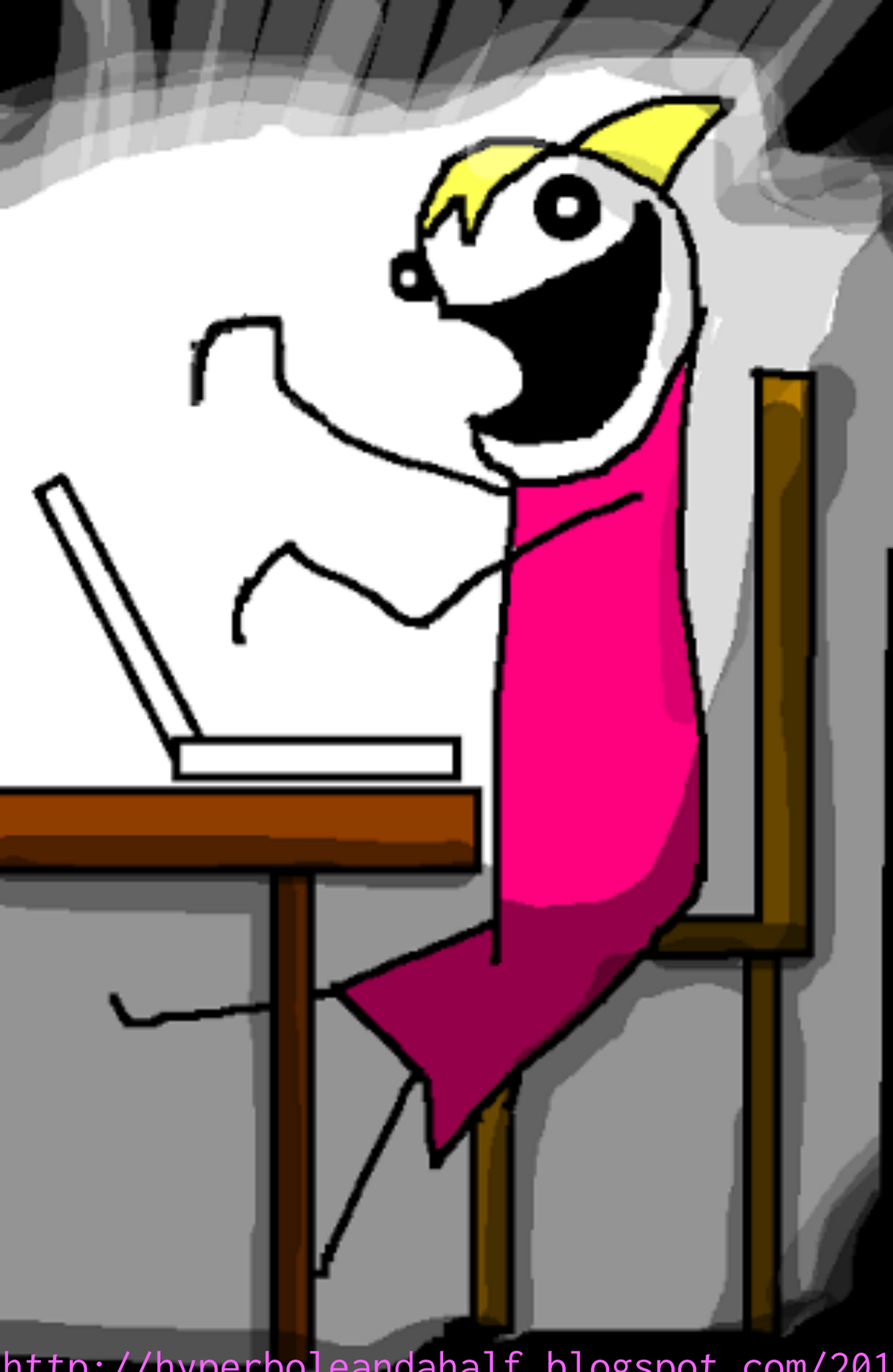

The good news:

Frustration is typical and temporary

http://hyperboleandahalf.blogspot.com/2010/06/this-is-why-ill-never-be-adult.html

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