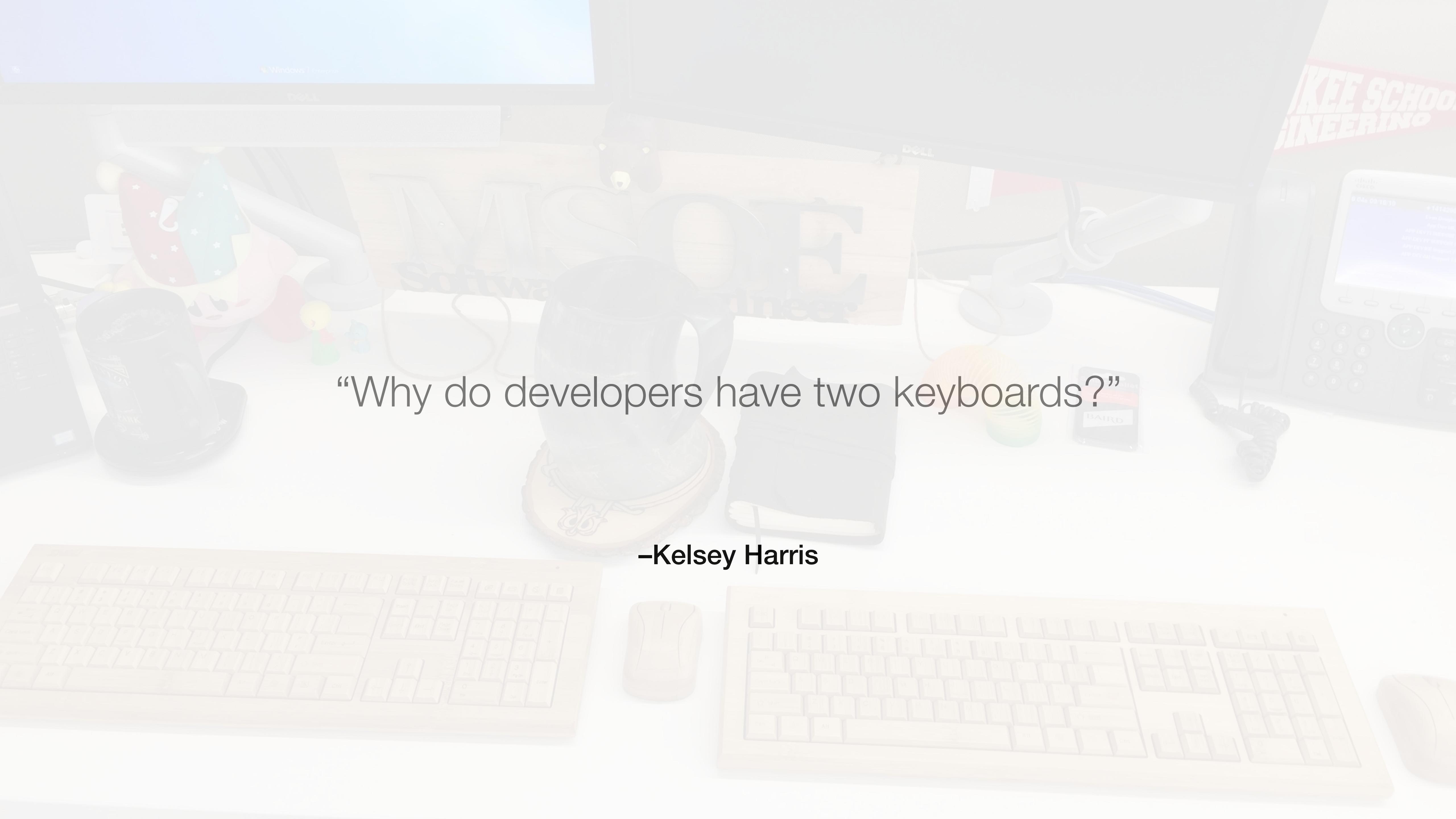




# Why Do Developers Have Two Keyboards?

Mike Harris





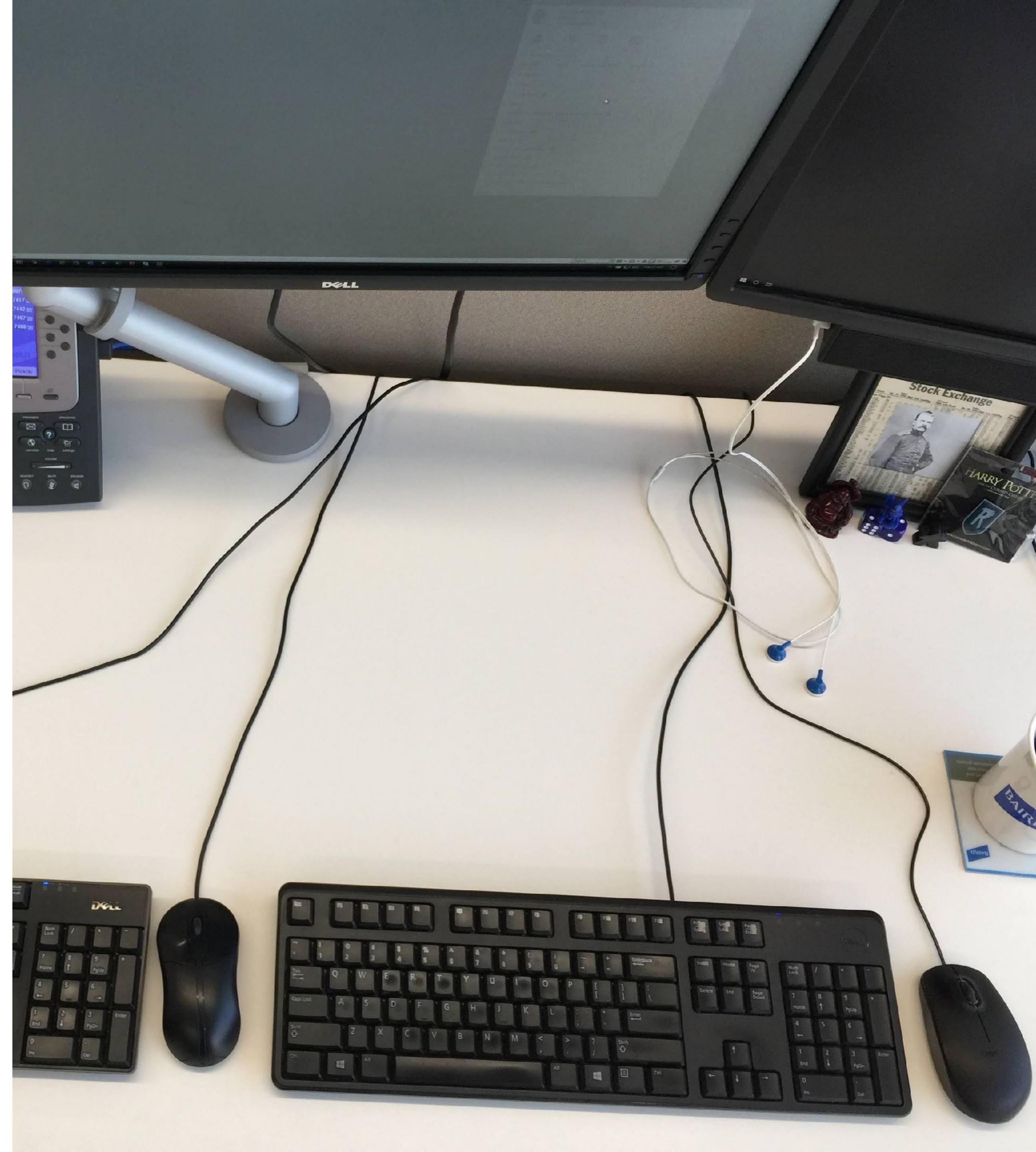
“Why do developers have two keyboards?”

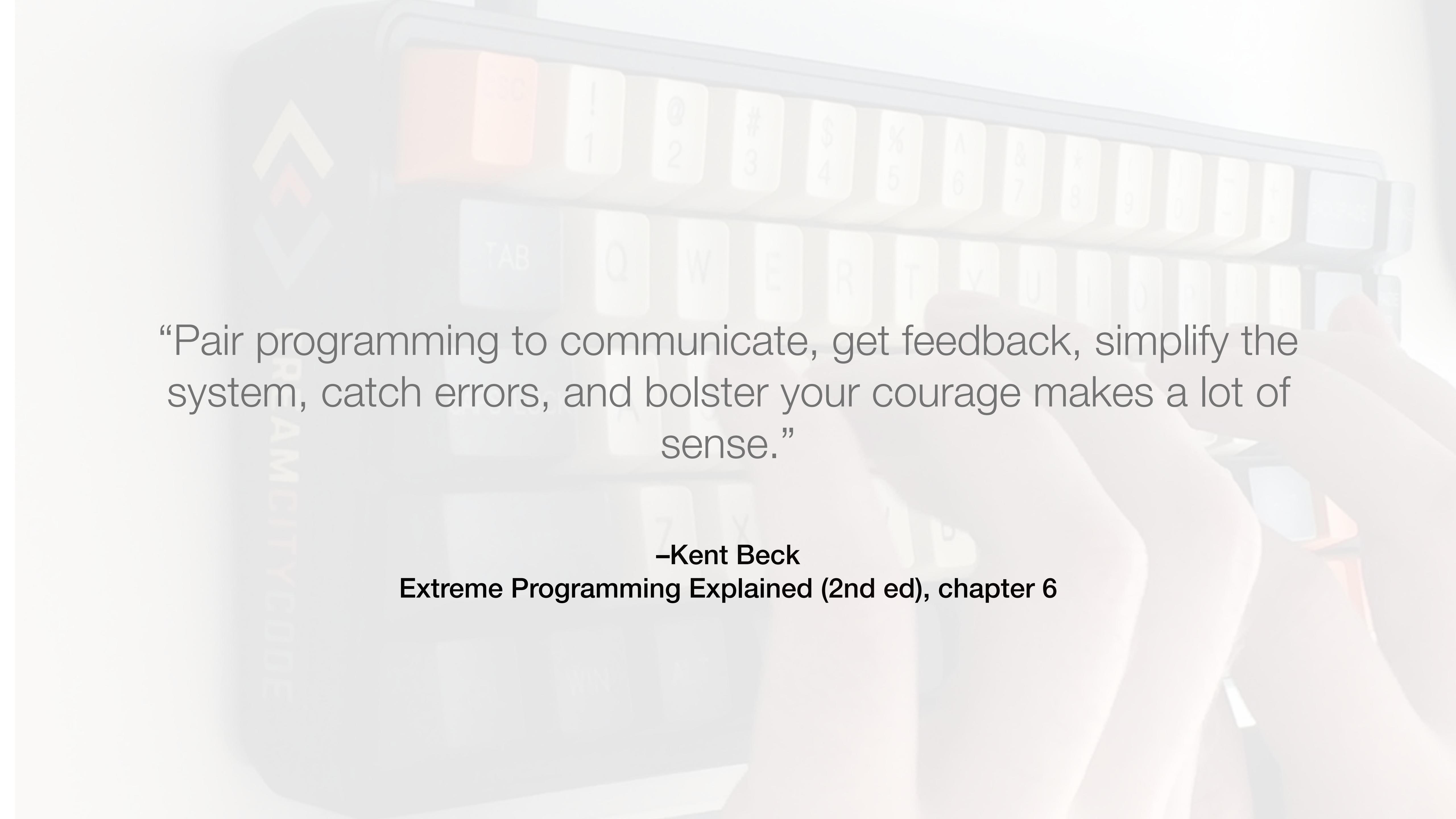
-Kelsey Harris



# My desk at work

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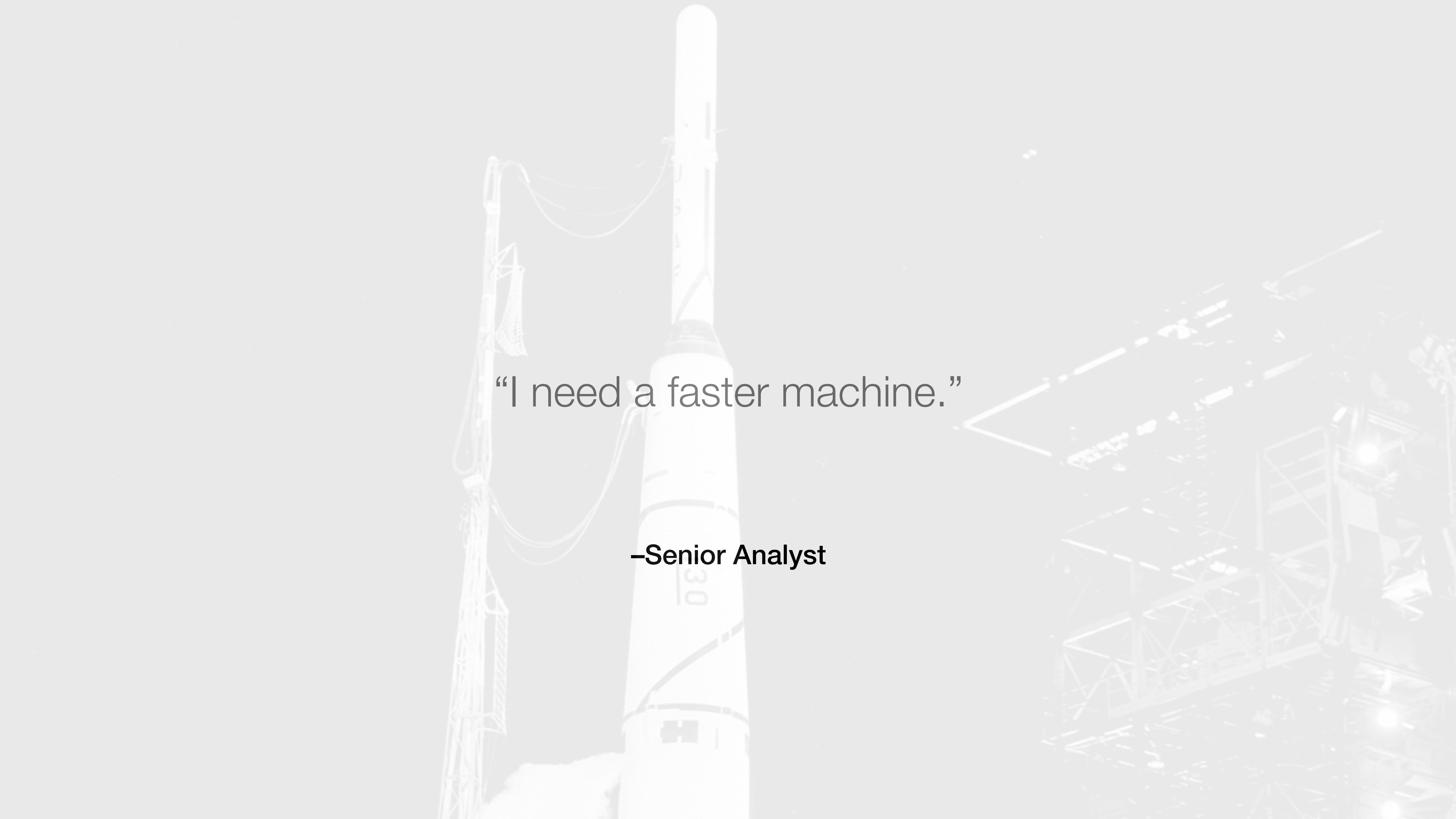


“Pair programming to communicate, get feedback, simplify the system, catch errors, and bolster your courage makes a lot of sense.”

**-Kent Beck**

**Extreme Programming Explained (2nd ed), chapter 6**





“I need a faster machine.”

**—Senior Analyst**

# Summerfest

PRESENTED BY:

**AMERICAN FAMILY INSURANCE**

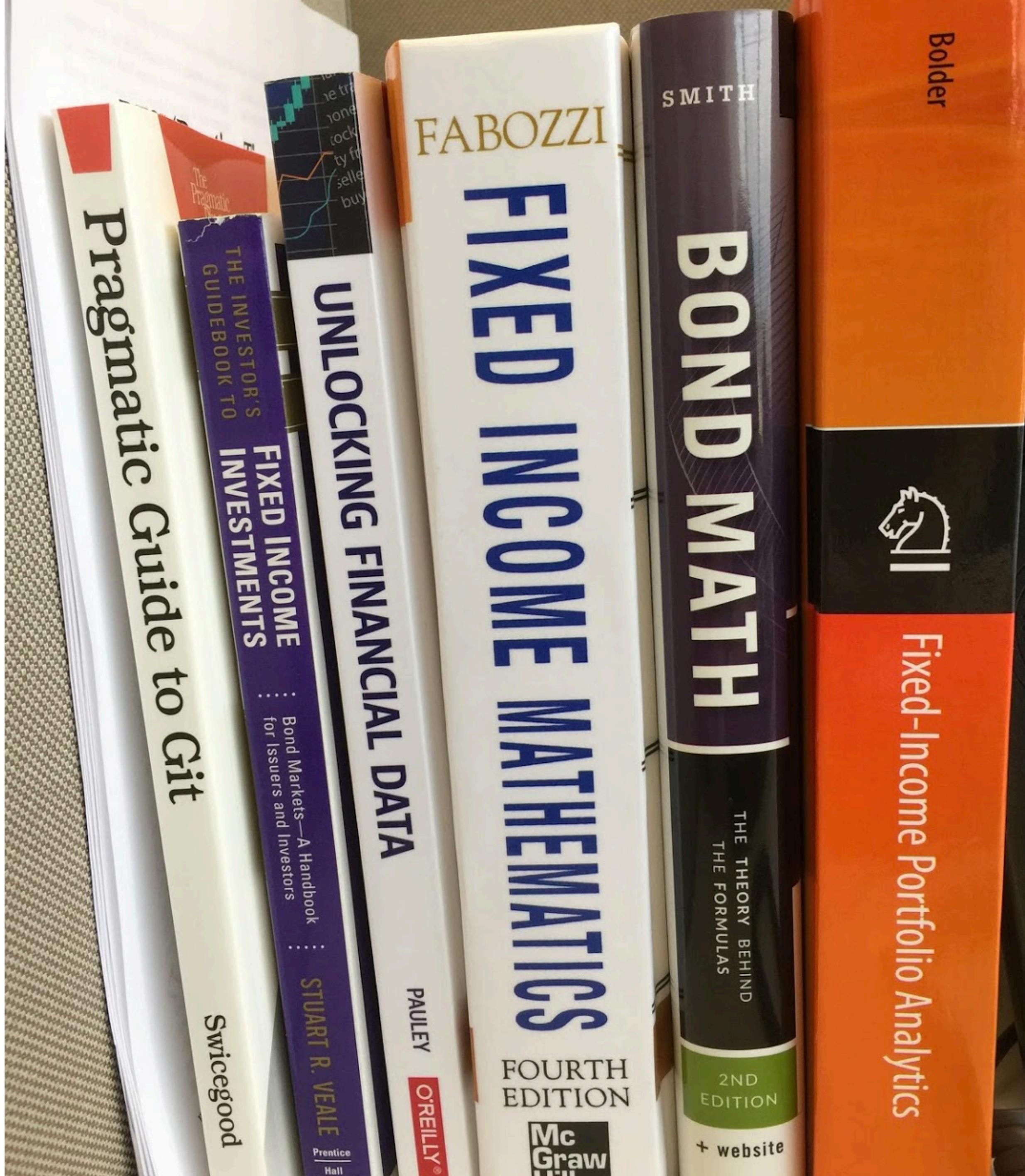


**EXIT ONLY  
DO NOT ENTER**

**EXIT ONLY**



My desk at work



# Pragmatic Guide to Gr

“Program close to the problem domain.”

—Andrew Hunt and David Thomas  
The Pragmatic Programmer, tip 17



A faint, grayscale background image of a brick building. The word "usbank" is visible at the top of the building's facade. The image is slightly out of focus, creating a subtle texture.

“We just need to add this one case.”

**–Product Owner**



A grayscale photograph of a modern city skyline. In the foreground, there's a bridge or overpass with multiple lanes. Behind it, several modern buildings of varying heights are visible, some with glass facades. The sky is clear and blue.

“Instead of bringing in a new source let’s see if we can use our existing data to categorize the data. We will built a model to test this idea out.”

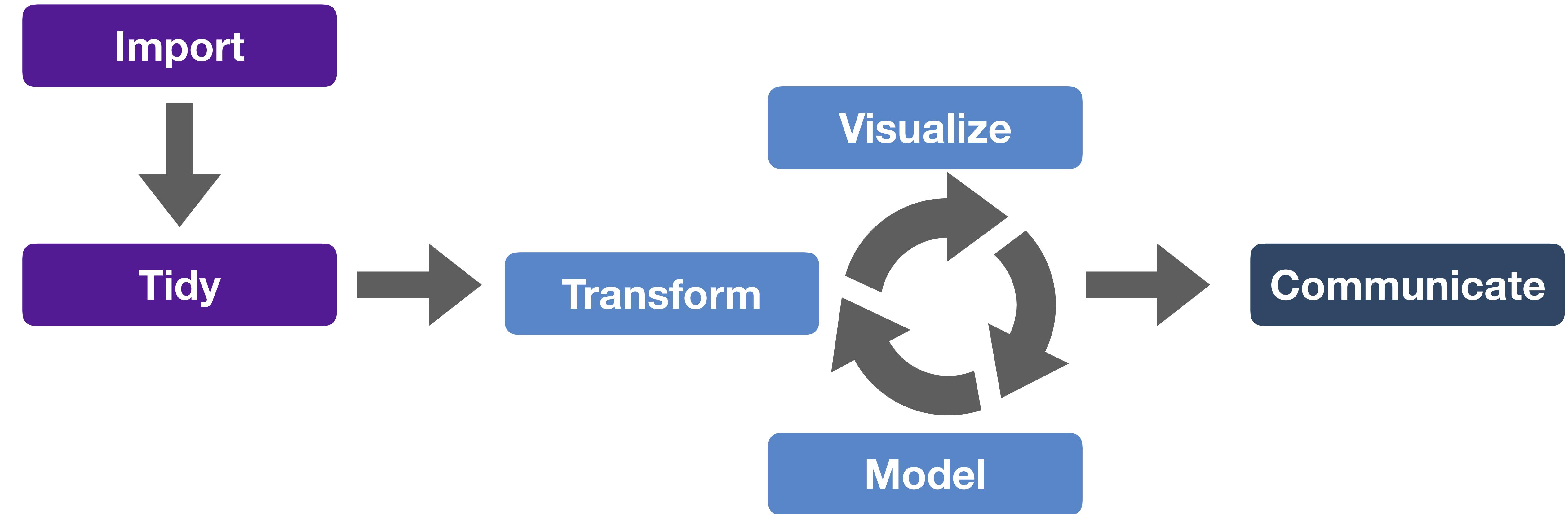
**-Me**

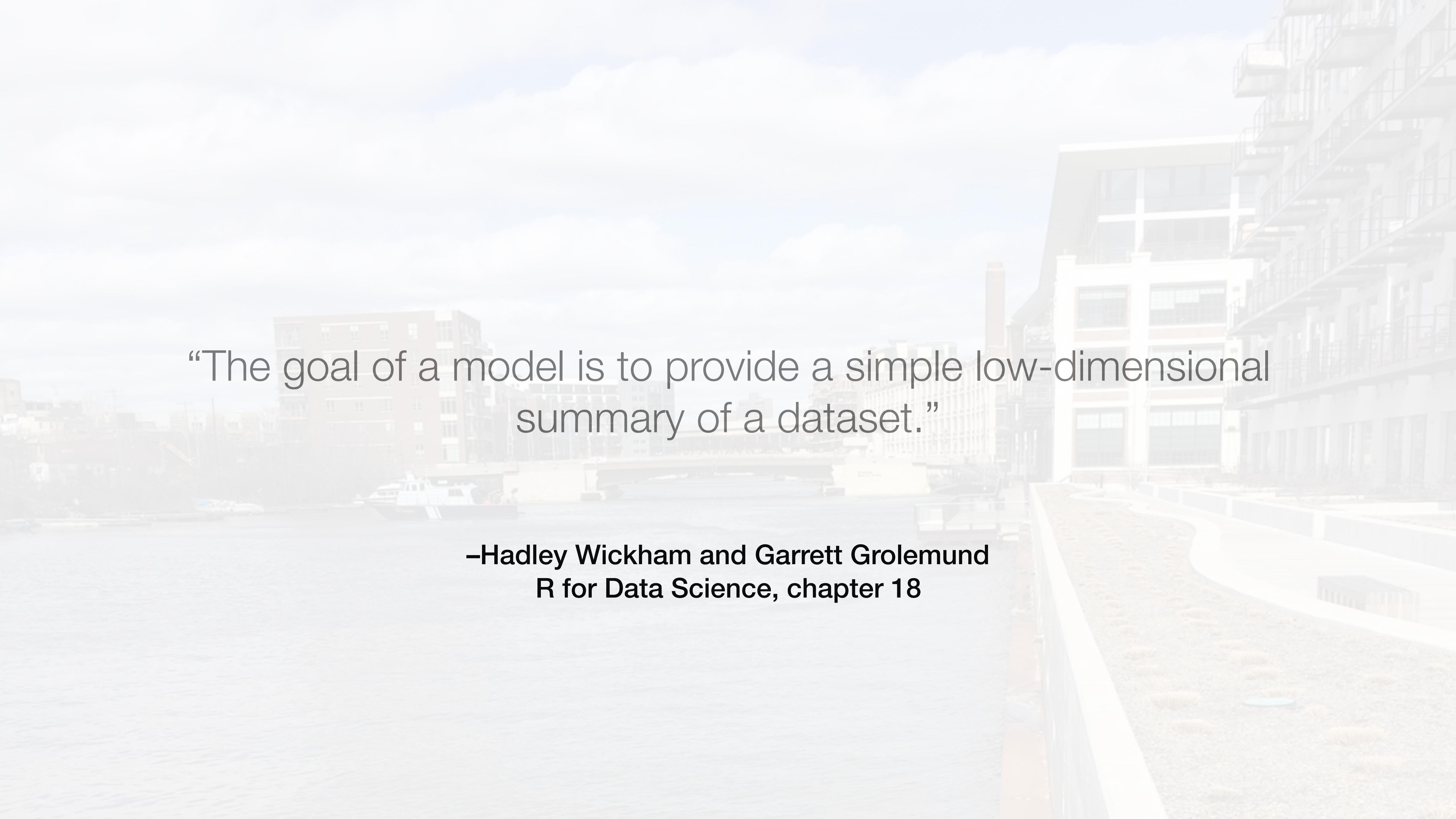


This is not a pipe.

The Treachery of Images  
by René Magritte

# Data Science pattern

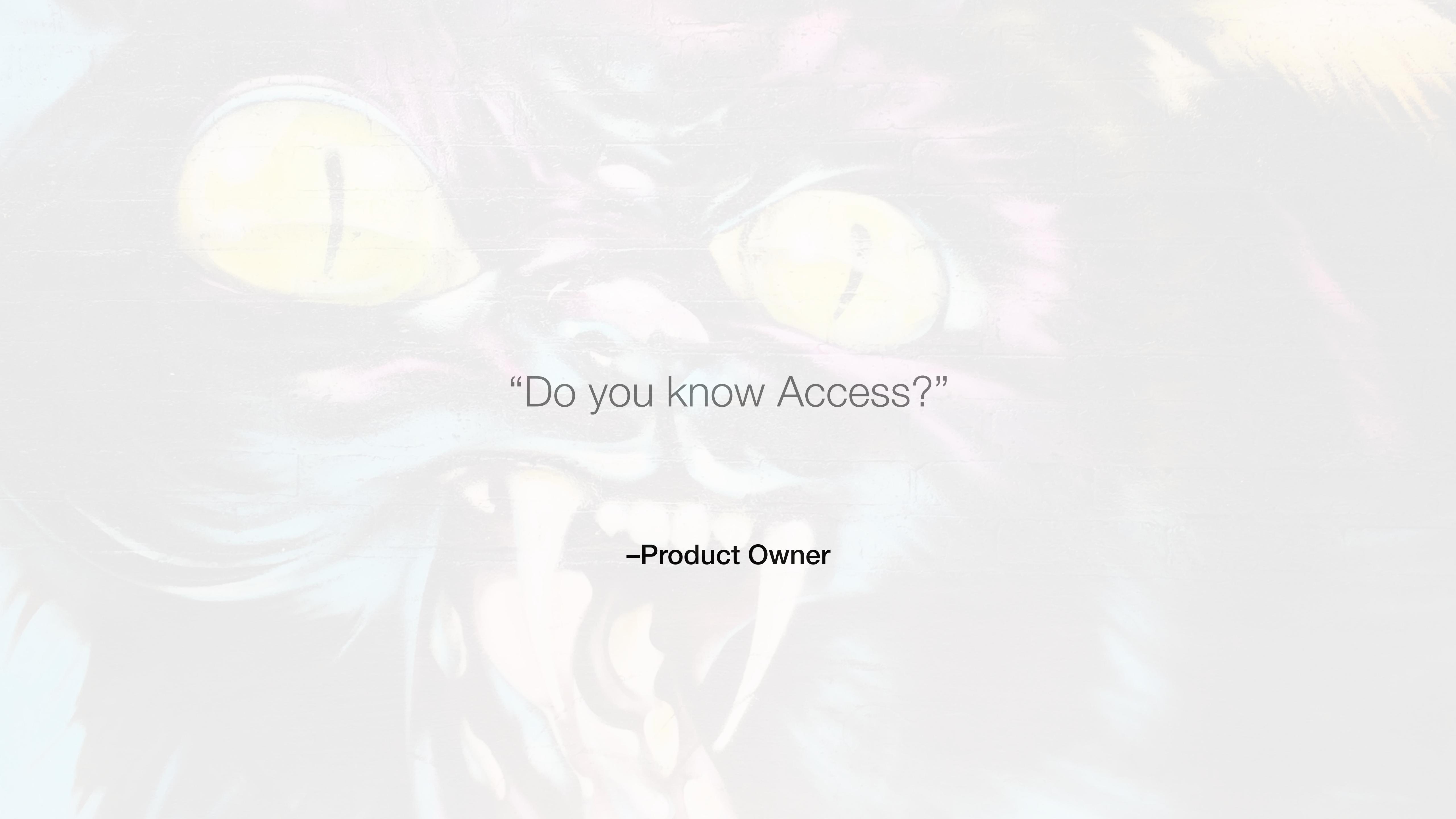


A grayscale photograph of a modern industrial or urban waterfront area. In the foreground, there's a curved concrete wall or barrier. Beyond it, several boats are moored at a dock. In the background, there are several multi-story buildings, some with complex steel frameworks and ladders, typical of industrial architecture. The sky is overcast.

“The goal of a model is to provide a simple low-dimensional  
summary of a dataset.”

**–Hadley Wickham and Garrett Grolemund  
R for Data Science, chapter 18**

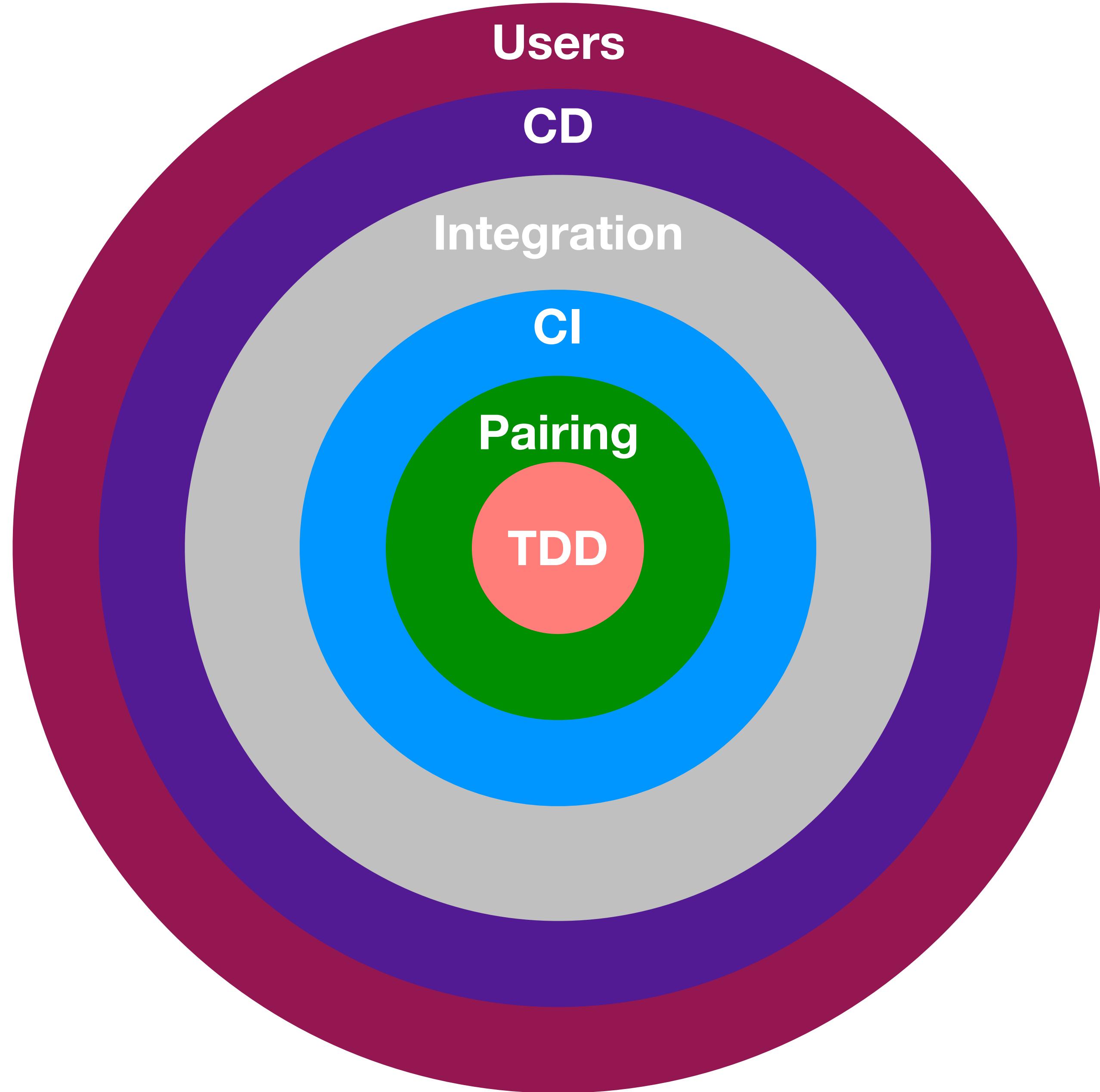


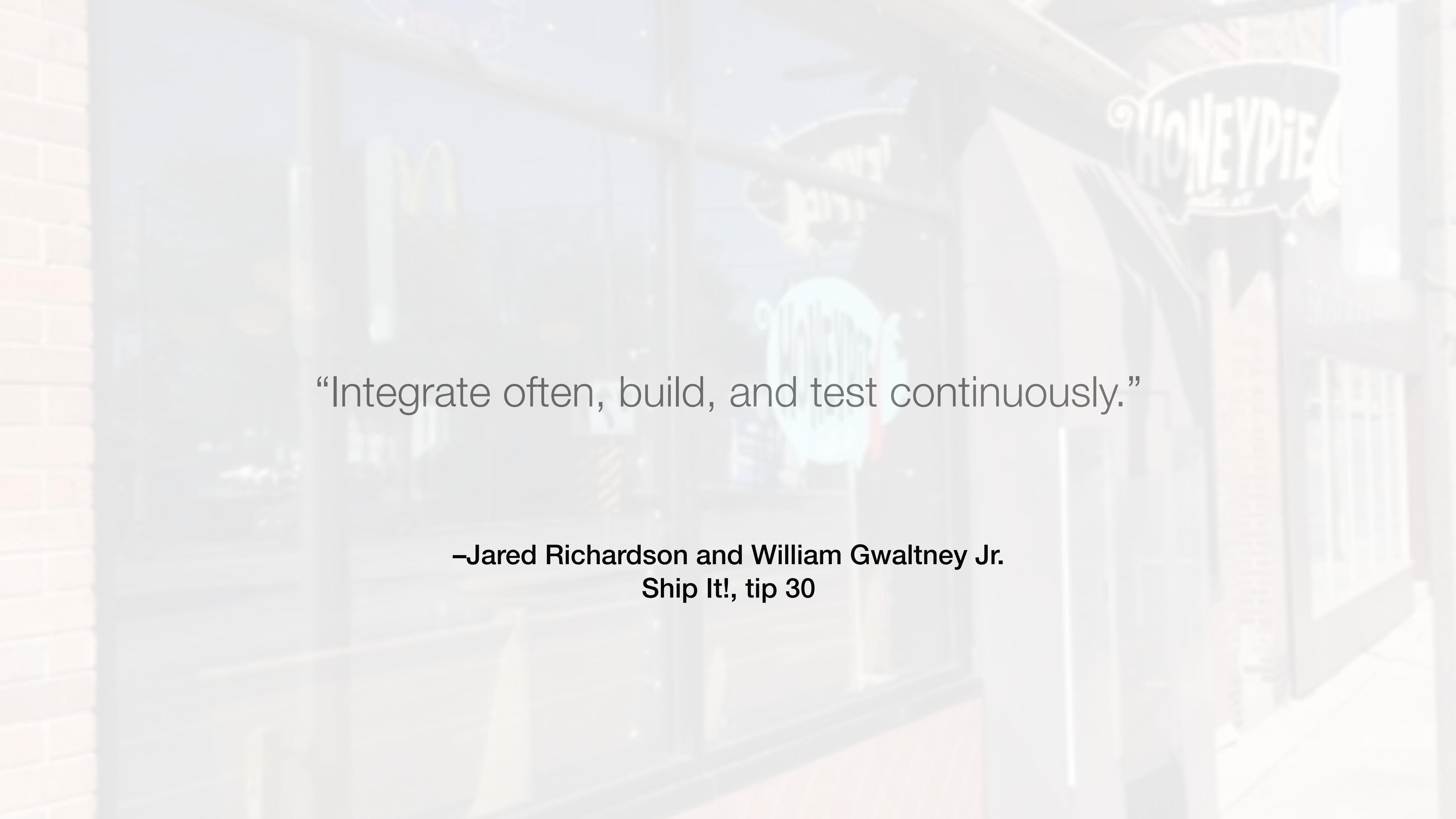


“Do you know Access?”

**-Product Owner**





A grayscale photograph of a person's hands typing on a laptop keyboard. The laptop screen displays a dark interface with a prominent white rectangular sticker in the center that reads "SHIP IT!" in bold, uppercase letters.

“Integrate often, build, and test continuously.”

–Jared Richardson and William Gwaltney Jr.  
Ship It!, tip 30



**Thank you  
Mike Harris**

**Why Do Developers Have  
Two Keyboards?**

**@MikeMKH**



# Images

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- [Evan Douglas' keyboards and view of lake front from the US Bank building] taken by me
- [Evan Douglas' desk at work] taken by me
- [Northwester Mutual building being built] taken by me
- [Northwester Mutual building with sunrise] taken by me
- [My desk at work] taken by me
- [Mark Dreyer's keyboard] taken by me
- [Pioneer 1] by NASA - NASA flickr, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=6463394>
- [Summerfest gates] taken by me
- [Desk books] taken by me
- [US Bank and Northwester Mutual buildings with sunrise] taken by me
- [Jack at the water front on the Summerfest grounds] taken by me
- [Milwaukee River] taken by me
- [This is not a Pipe by René Magritte] image taken from a University of Alabama site, "Approaches to Modernism": [1], Fair use, <https://en.wikipedia.org/w/index.php?curid=555365>
- [Black Cat Alley by @glawecoma] taken by me
- [Milwaukee skyline] taken by me
- [Honeypie Cafe] taken by me
- [Me at StrangeLoop] taken by Kelsey Harris