



# Accelerating Continuous App Innovation with DevOps and Shift Left

Abel Wang  
Sr Cloud Developer Advocate  
@AbelSquidHead  
<http://abelsquidhead.com>

# Who am I?

- Abel Wang
  - Senior Cloud Developer Advocate
  - Blog at [abelsquidhead.com](https://abelsquidhead.com)
  - @AbelSquidHead
- Work
  - Writing code for over 20 years
  - Process Consultant, Certified Scrum Master
  - ALM Ranger
  - VSTS Team
  - DevOps, General App Dev, Visual Studio, Azure
  - #LoECDA
- Fun Stuff
  - Rock star in his own mind #TheRockstar
  - Training for the Great Wall Marathon



# Who rules the world?

# The developer.

"Today, nearly every significant enterprise innovation requires innovative software."\*

\*GARTNER Agenda Overview for Application Development, 2014, Ian Finley, Thomas E. Murphy, Jim Duggan, Mark Driver, Gordon Van Huizen, Nathan Wilson, David Mitchell Smith, Matthew Hotle, Joe Bugajski, Brian Prentice, Ray Valdes, Ross Altman, Richard Marshall, Van L. Baker, David Norton, 9 January 2014





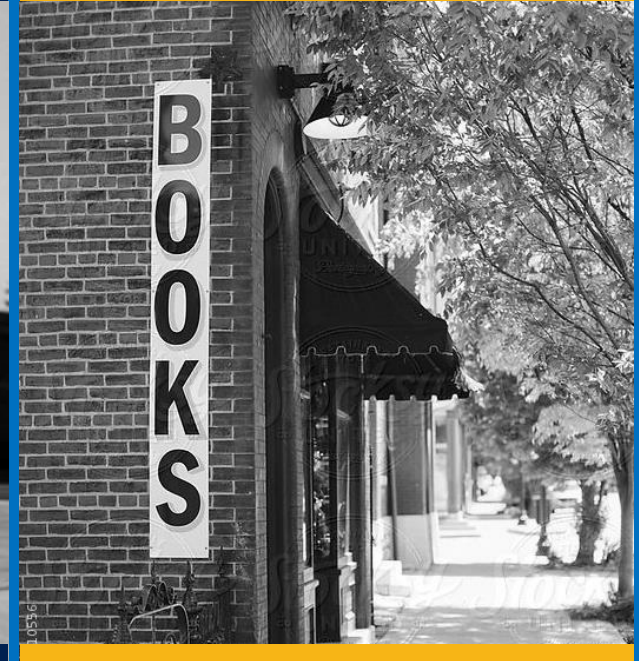
# Disrupting the way we live

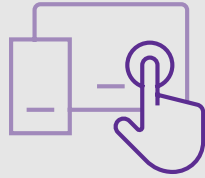
**NETFLIX**

U B E R

**skype™**

**amazon.com®**

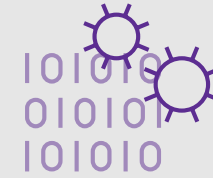




Cross-device  
experiences



Open & hybrid  
cloud

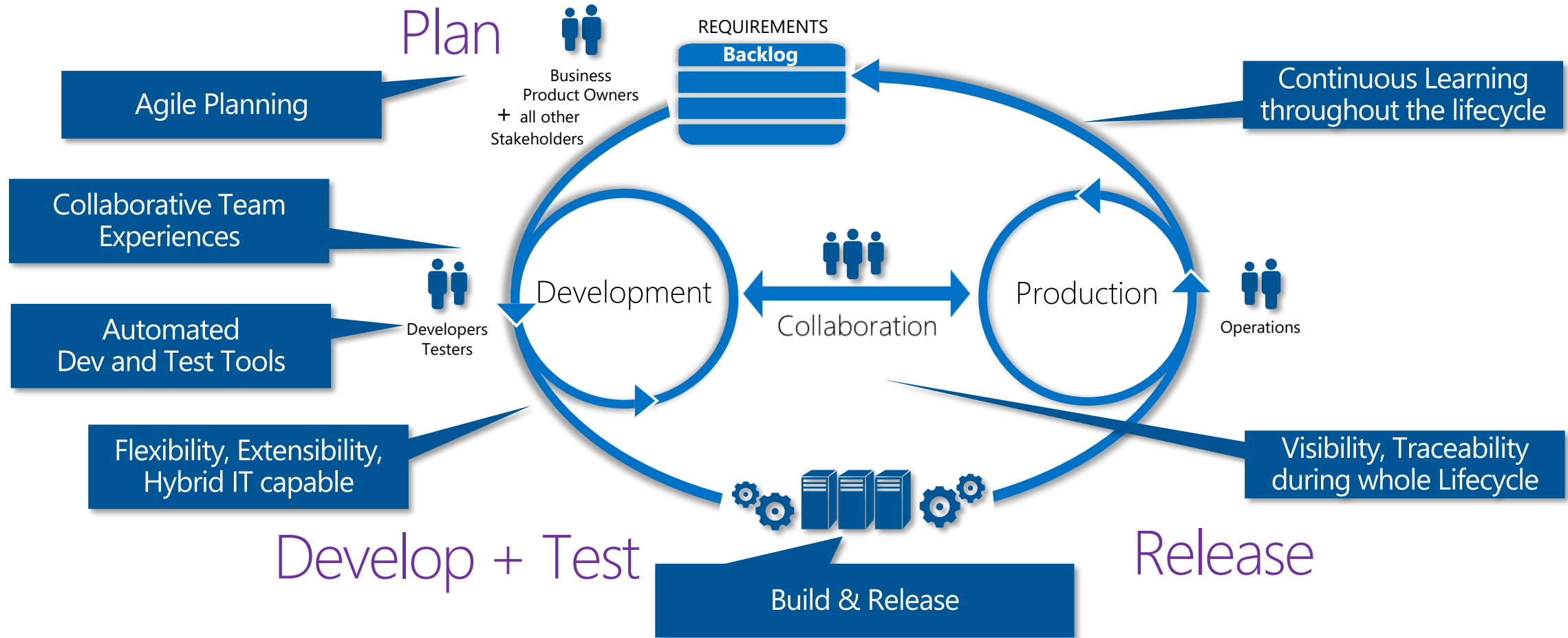


Data-driven  
intelligence

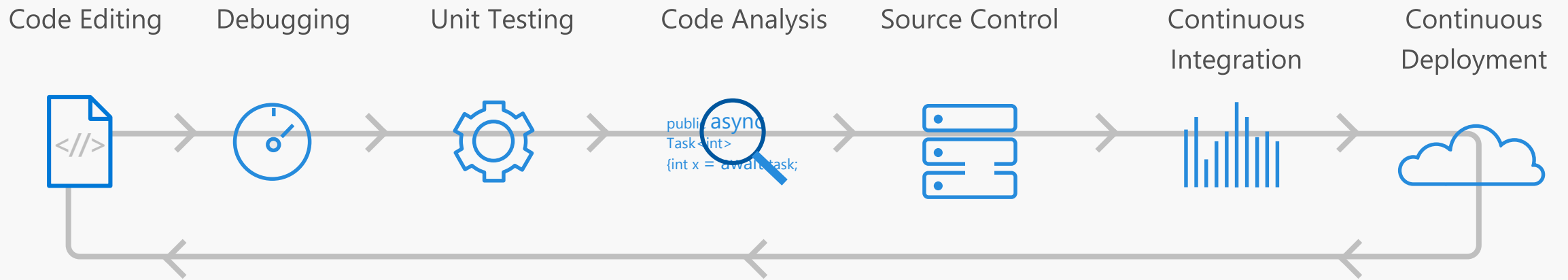


Continuous  
app innovation

# Continuously Delivering Value



# A different look at DevOps



Flow from left to right with a connection back at the end

# We can do better

---

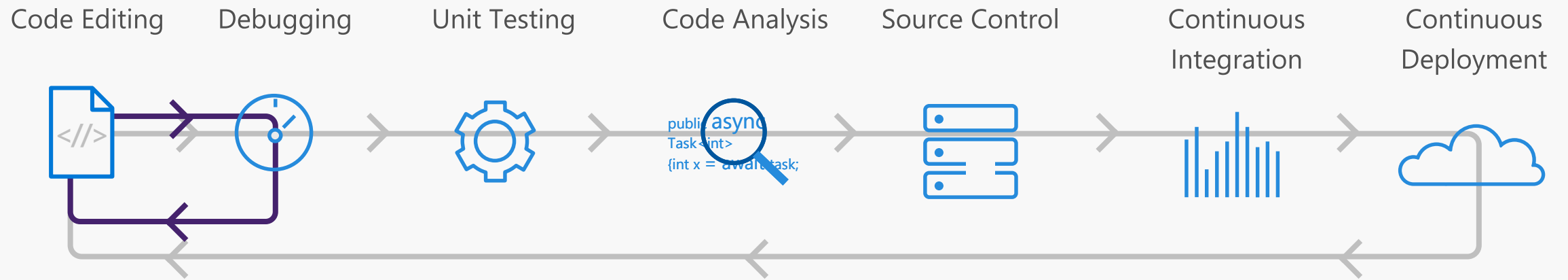
Tighten the cycle

Catch issues before check-in

Identify issues in production

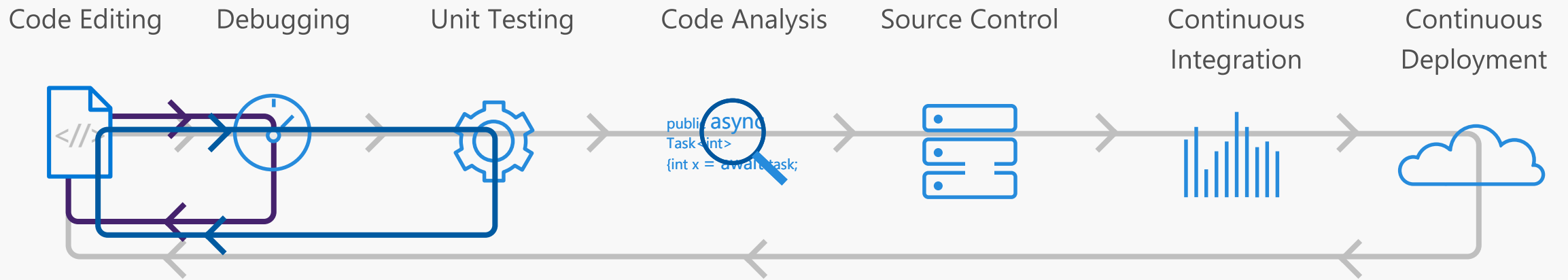


# Edit and continue



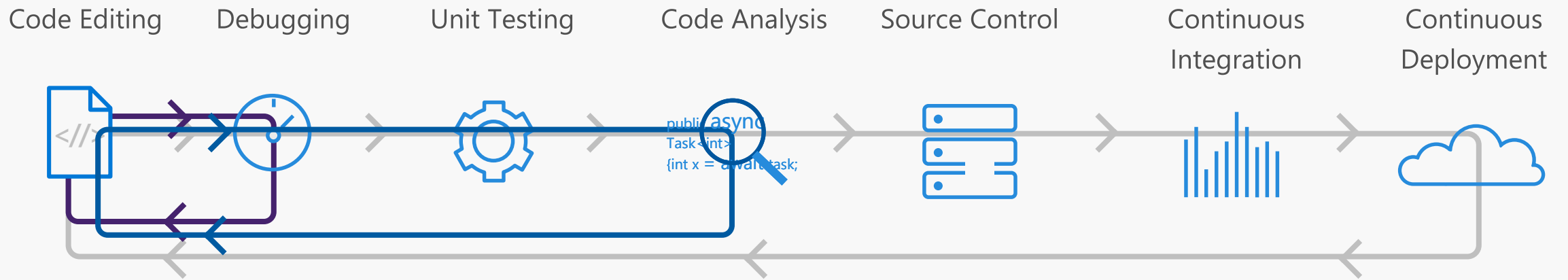
Pulled debugging into the edit/build cycle

# Live Unit Testing



Pulls quality further into the inner loop

# Shift Left



Pulls quality further into the inner loop

# DevOps Demo

Follow on twitter  
@abelsquidhead

