



Feature testing with

**RSpec**

and Rails

**W8D2**

# Strategic Testing

CI / CD

RSpec + Capybara



Fast, Cheap, Good

**Fast**, Cheap, Good

**Fast**, **Cheap**, Good



# Manual Testing

Real user interaction.



QA Engineer walks into a bar.

Orders a beer.

**Orders 0 beers.**

**Orders 9999999999 beers.**

**Orders a lizard.**

**Orders -1 beers.**

**Orders a sfdeljknesv.**

@sempf on Twitter

# Code Coverage

- ★ How much of my code is covered?
- ★ RCov: Tool for ruby coverage.
- ★ The target is project based.

**Encapsulation**

**Speed**

**Regression**

**Confidence**

**Reliability & Stability**

**UNIT  
TESTING**



# UNIT TESTING

**Expensive**  
**Maintenance**  
**Difficult**  
**Specific**

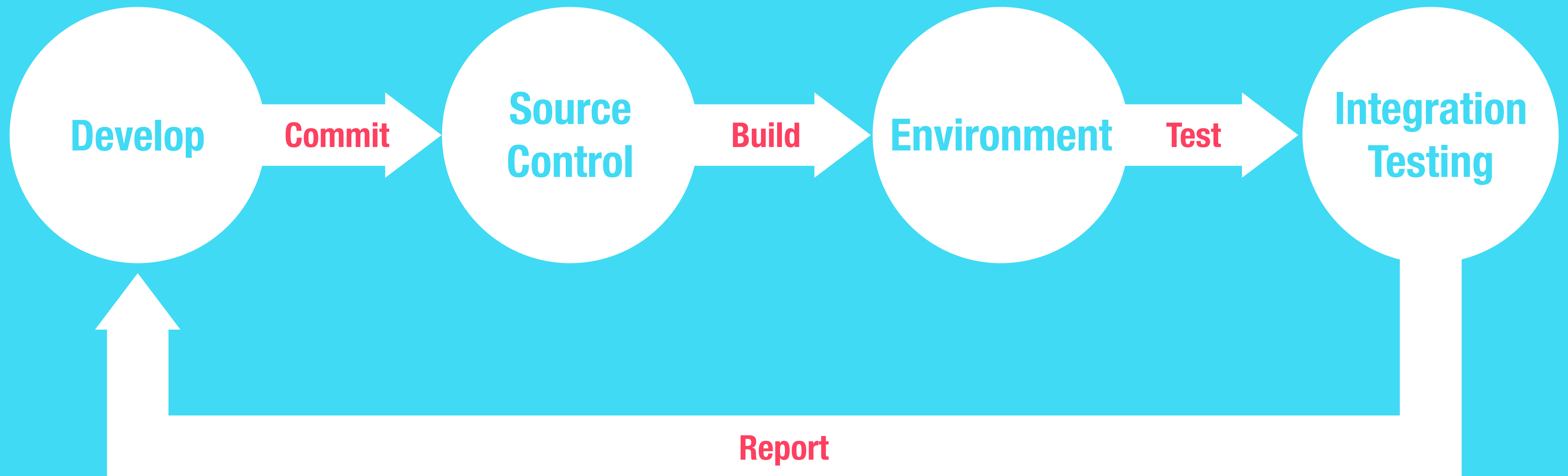


# Feature/Integration

Simulate user interaction.



CI /



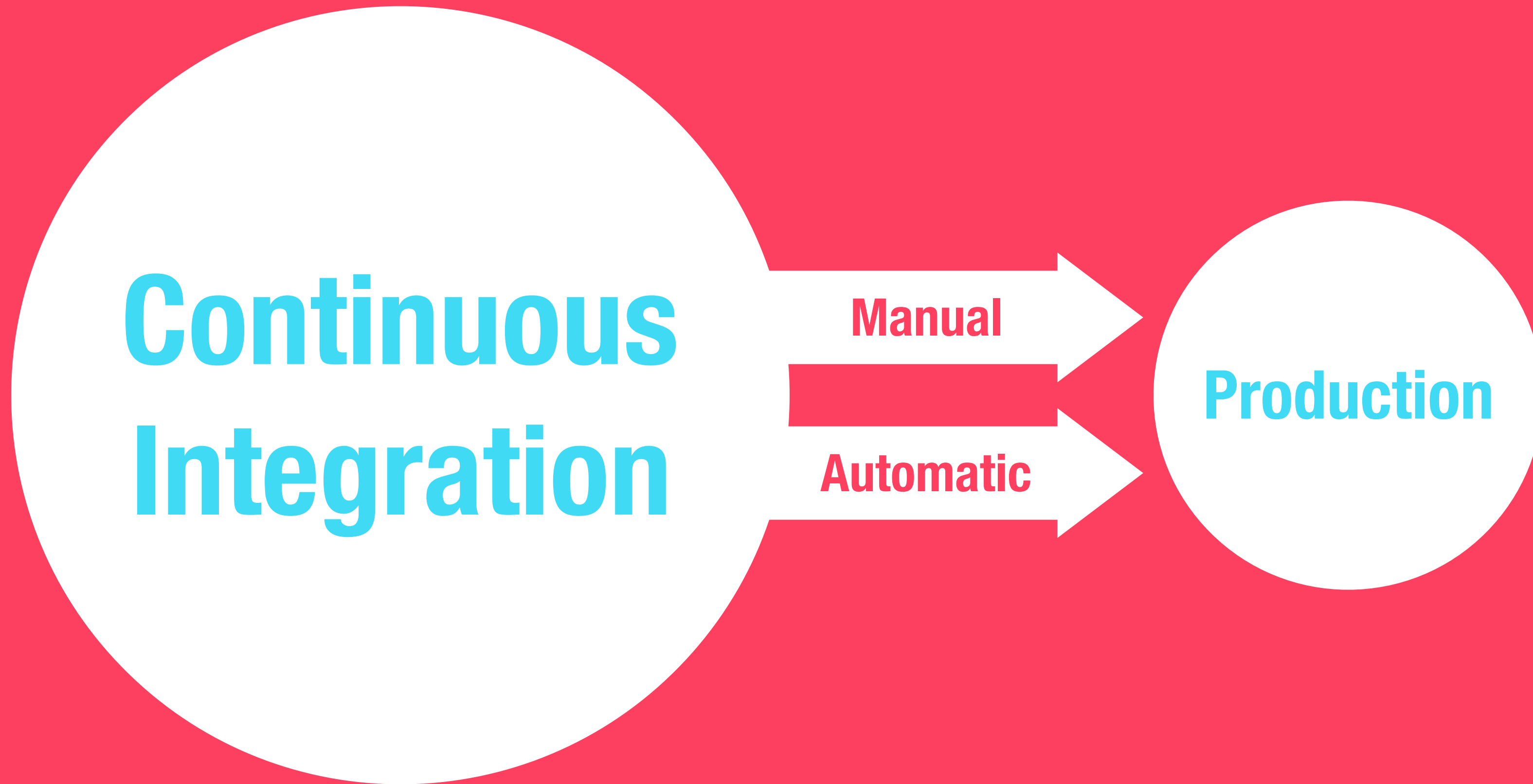
/ CD

**Continuous  
Integration**

**Manual**

**Automatic**

**Production**



/ CD

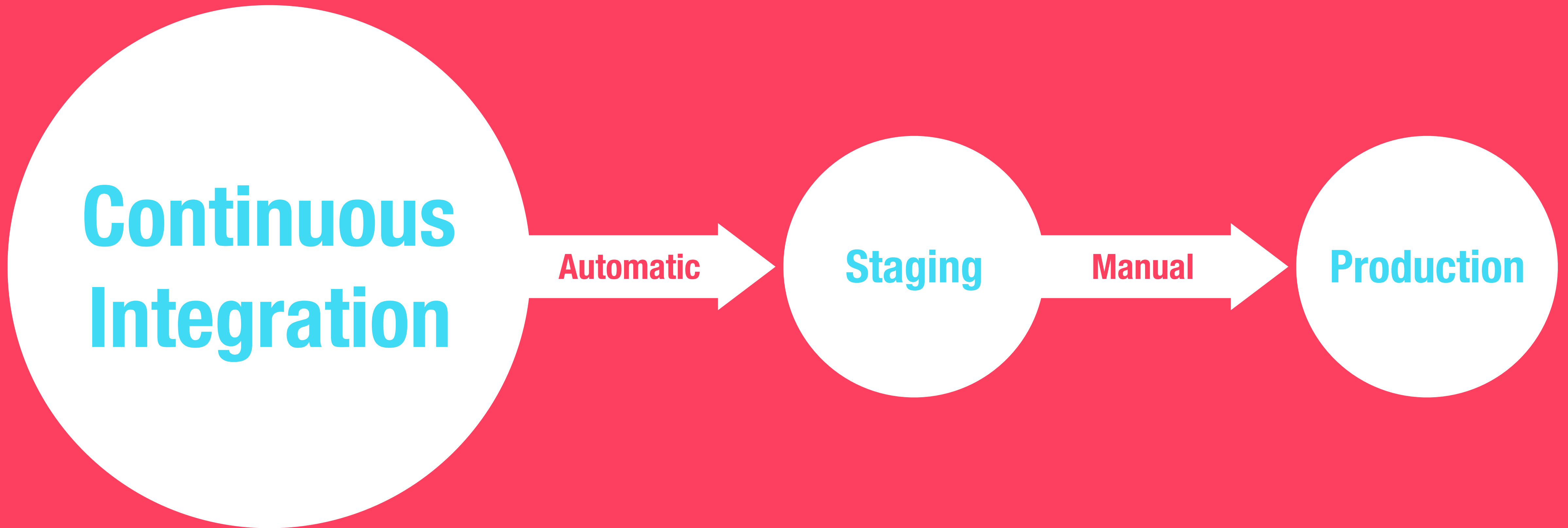
**Continuous  
Integration**

**Automatic**

**Staging**

**Manual**

**Production**



# CI / CD



Jenkins



Travis CI



Circle CI




Bamboo



# RSpec


## Ruby Testing Tool





# Capybara

## Integration Test Framework





# Questions?