

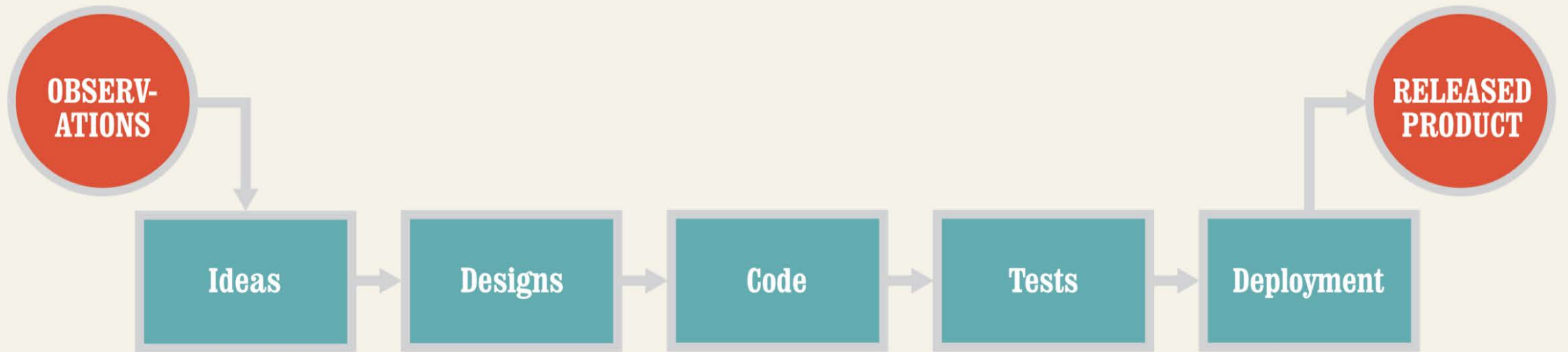
CONTINUOUS DELIVERY & DEVOPS

WEEK 1

WHY IS VELOCITY IMPORTANT?

Alex Cowan

THE PRODUCT PIPELINE



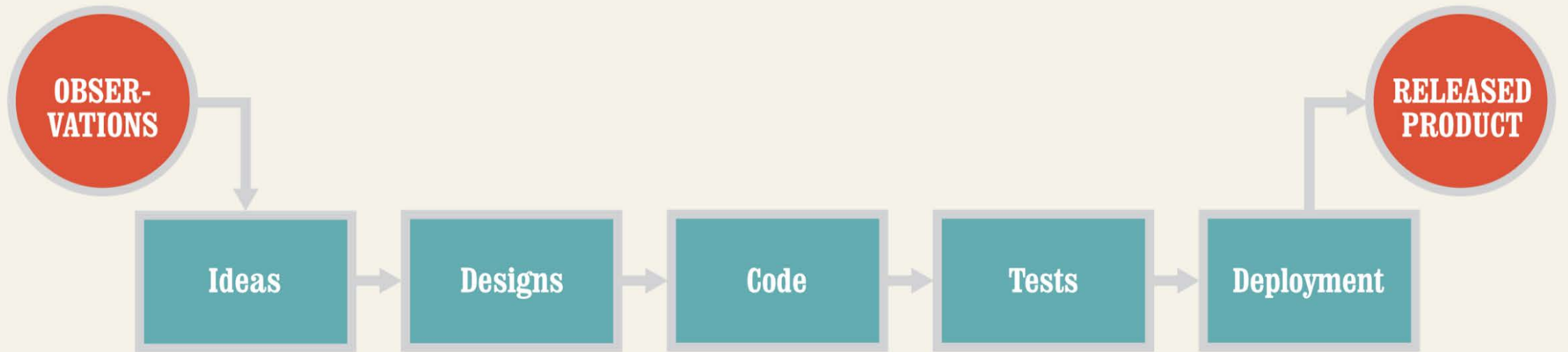
CONTINUOUS DELIVERY & DEVOPS

WEEK 1

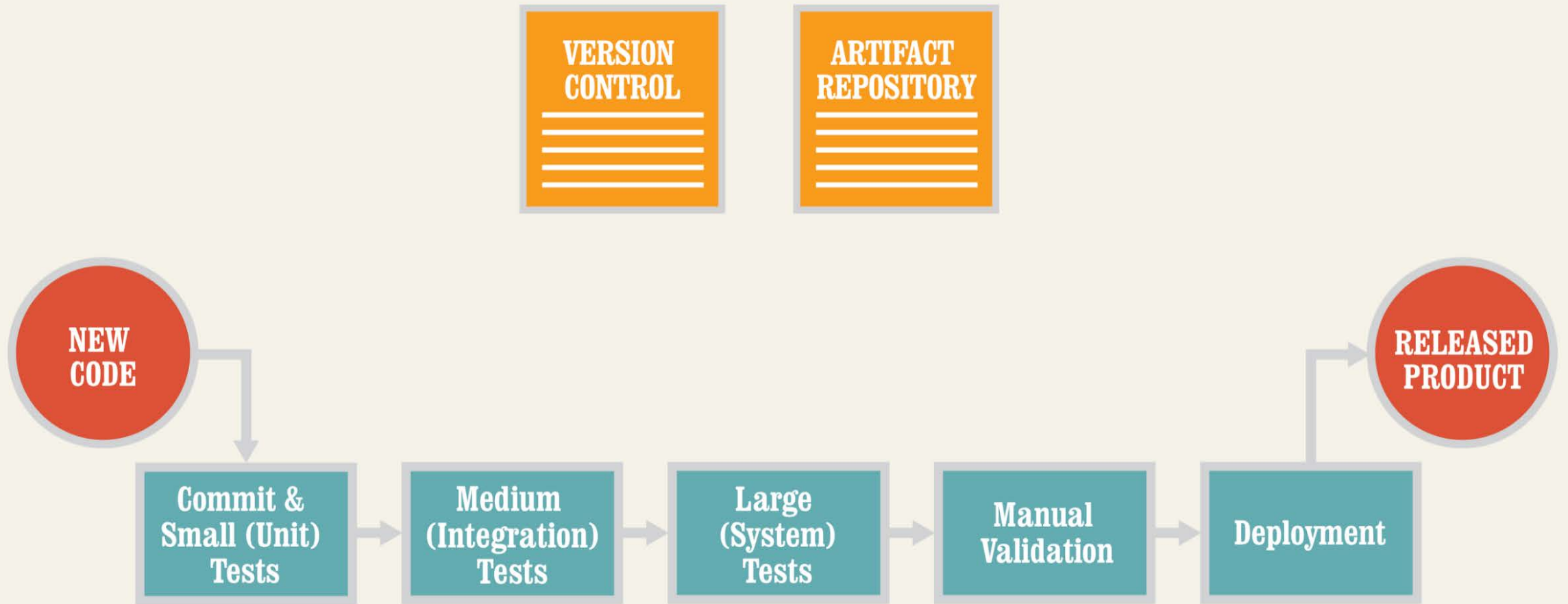
WHAT IS A DELIVERY PIPELINE?

Alex Cowan

THE PRODUCT PIPELINE



THE CONTINUOUS DELIVERY PIPELINE



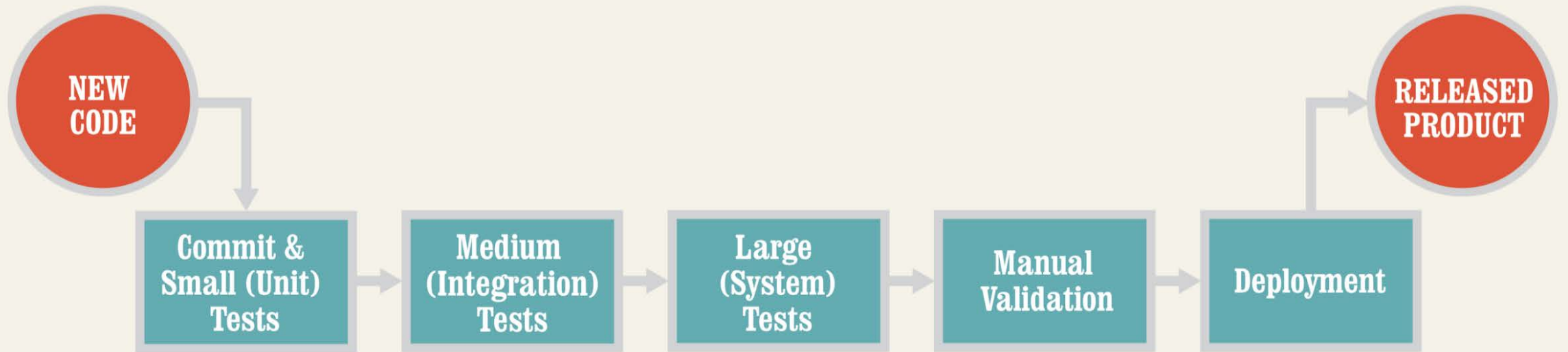
CONTINUOUS DELIVERY & DEVOPS

WEEK 1

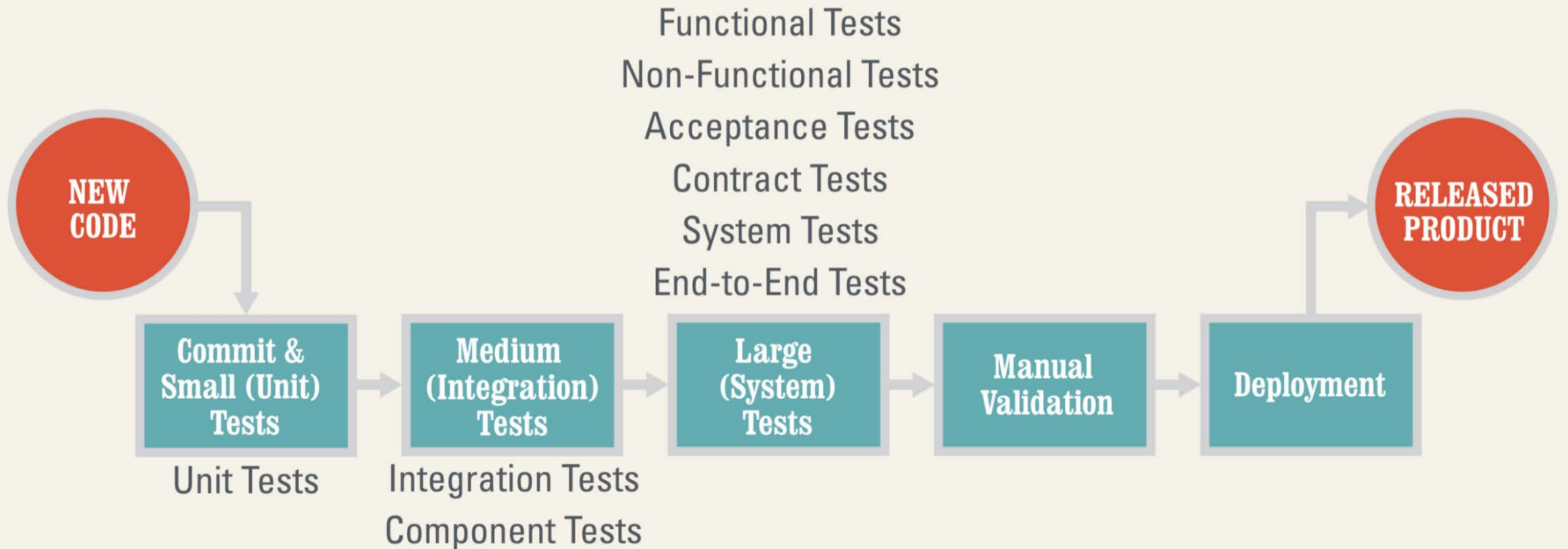
WHAT IS A TEST STACK?

Alex Cowan

THE CONTINUOUS DELIVERY PIPELINE



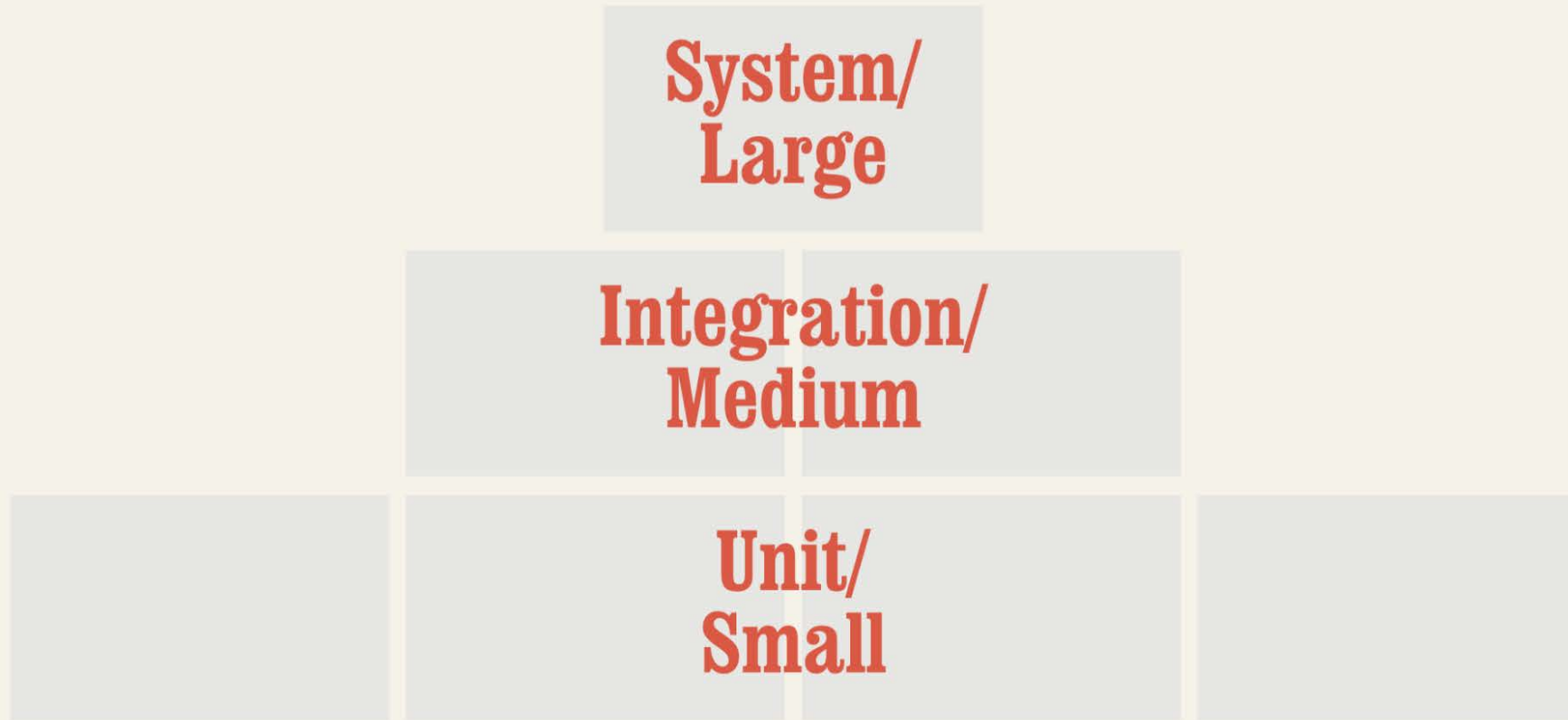
THE CONTINUOUS DELIVERY PIPELINE



GOOGLE ON TEST TYPES

| FEATURE | SMALL | MEDIUM | LARGE |
|----------------------|-------|----------------|-------|
| Network Access | No | Localhost Only | Yes |
| Database | No | Yes | Yes |
| File System Access | No | Yes | Yes |
| Use External Systems | No | Discouraged | Yes |
| Multiple Threads | No | Yes | Yes |
| Sleep Statements | No | Yes | Yes |
| System Properties | No | Yes | Yes |
| Time Limit (seconds) | 60 | 300 | 900+ |

THE TEST STACK



CONTINUOUS DELIVERY & DEVOPS

WEEK 1

WHAT IS DEVOPS?

Alex Cowan

ROLES & INTERFACES



DEV

Inputs: User stories, wireframes, etc.

Outputs: Software design & implementation



OPS

Inputs: Validated software, deployment notes

Outputs: Working systems, monitoring & analytics thereof

Inputs: Working software, notes on target behavior

Outputs: Validated software

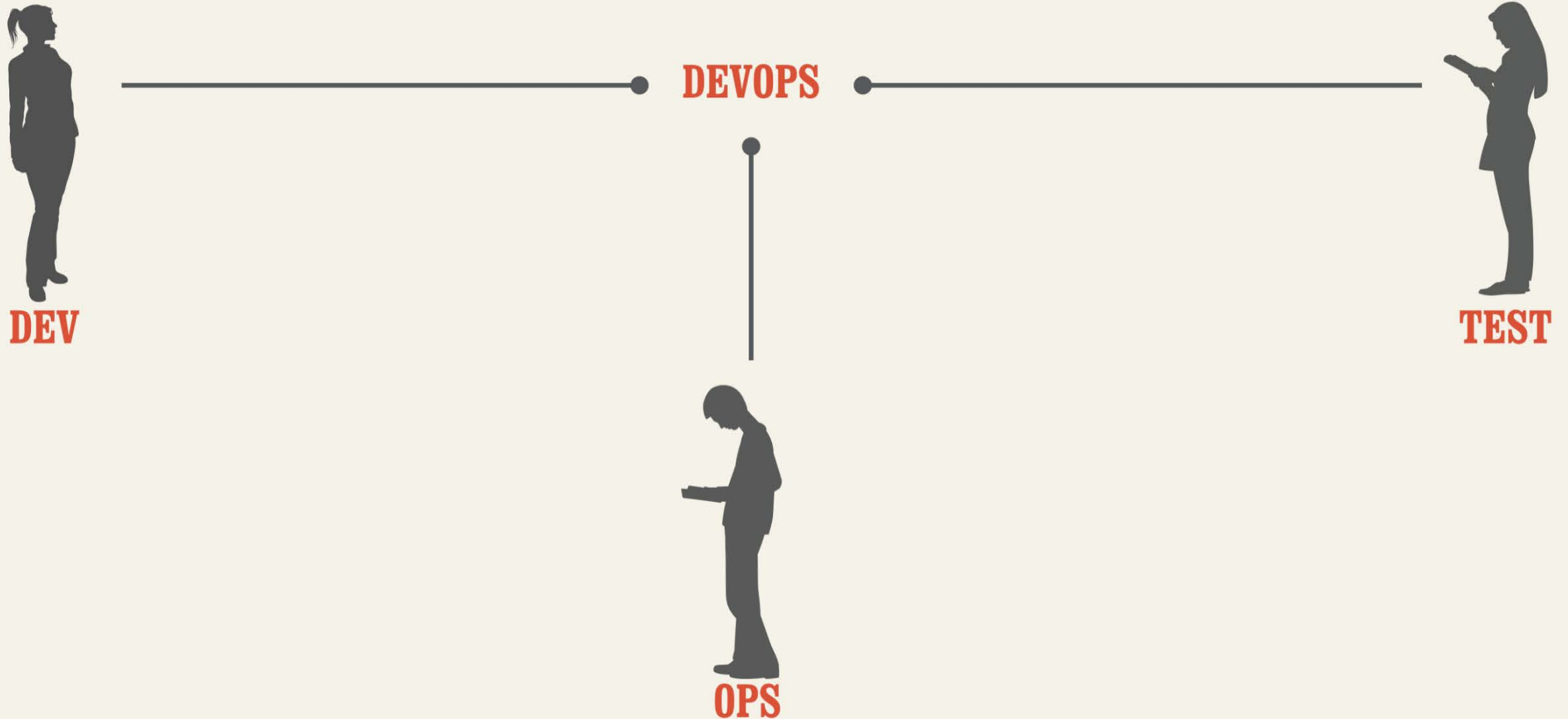


TEST

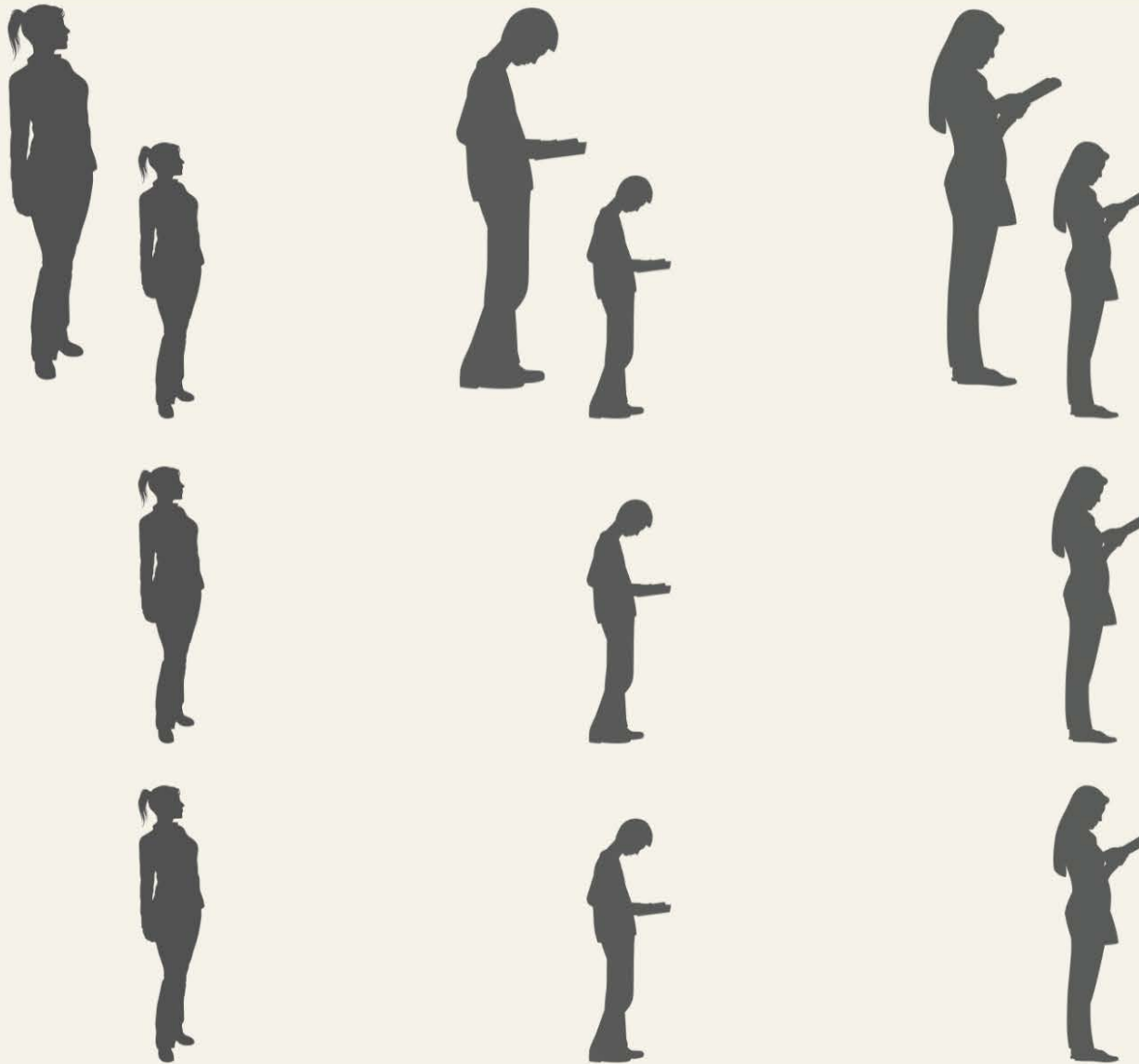
ROLES & INTERFACES



THE EMERGENCE OF DEVOPS



THE FAILURE OF SILO'ED DEVELOPMENT



THE POWER OF INTERDISCIPLINARY TEAMS



CONTINUOUS DELIVERY AND DEVOPS

WEEK 1

THE JOB OF DEVELOPMENT AND DEVOPS

Alex Cowan

THE AGILE MANIFESTO

**INDIVIDUALS
INTERACTIONS**



PROCESSES
TOOLS

**WORKING
SOFTWARE**



COMPREHENSIVE
DOCUMENTATION

**CUSTOMER
COLLABORATION**



CONTRACT
NEGOTIATION

**RESPONDING TO
CHANGE**



FOLLOWING
A PLAN

SILOS & HANDOFFS VS. INTEGRATION & COLLABORATION

**PRODUCT
MANAGER**



DEVELOPER



TESTER



OPS



CONTINUOUS DELIVERY AND DEVOPS

WEEK 1

THE JOB OF TEST AND DEVOPS

Alex Cowan

SILOS & HANDOFFS VS. INTEGRATION & COLLABORATION

**PRODUCT
MANAGER**



DEVELOPER



TESTER



OPS



CONTINUOUS DELIVERY AND DEVOPS

WEEK 1

THE JOB OF DEVELOPMENT AND DEVOPS

Alex Cowan

THE AGILE MANIFESTO

**INDIVIDUALS
INTERACTIONS**



PROCESSES
TOOLS

**WORKING
SOFTWARE**



COMPREHENSIVE
DOCUMENTATION

**CUSTOMER
COLLABORATION**



CONTRACT
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FOLLOWING
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**PRODUCT
MANAGER**



DEVELOPER



TESTER



OPS



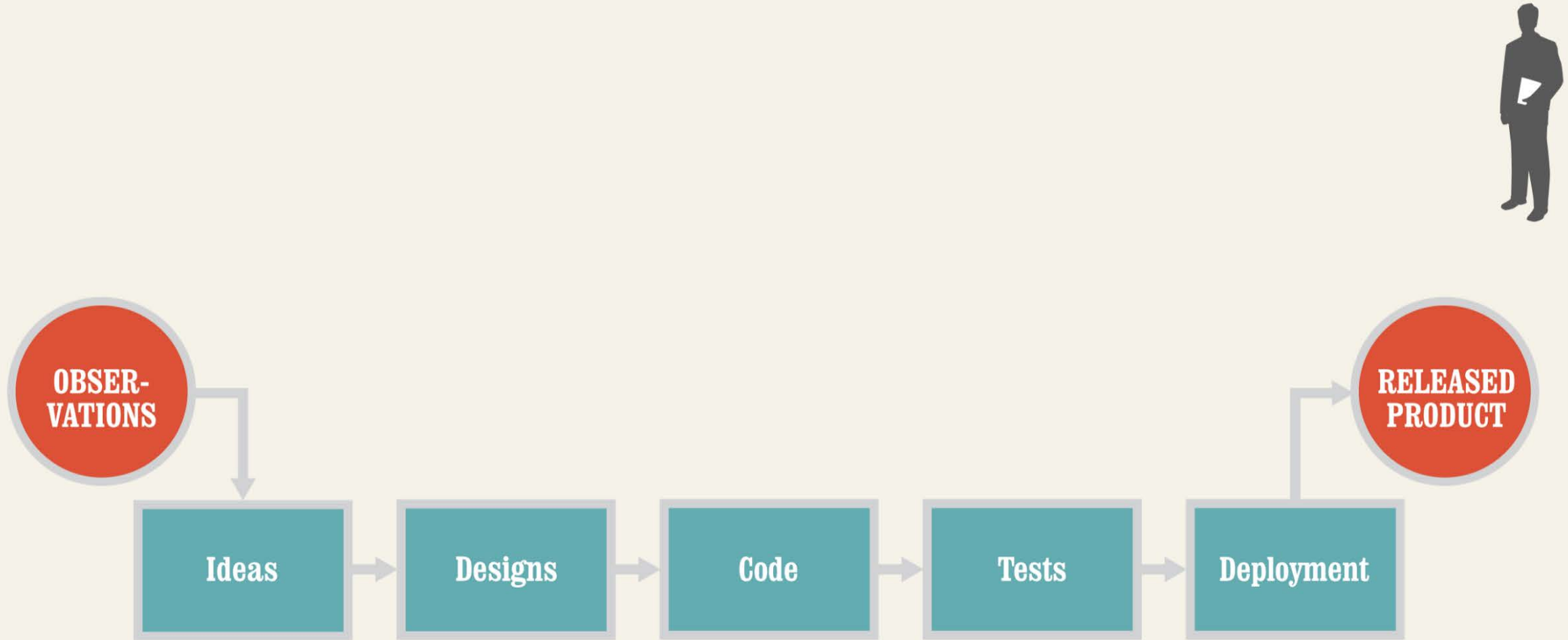
CONTINUOUS DELIVERY & DEVOPS

WEEK 1

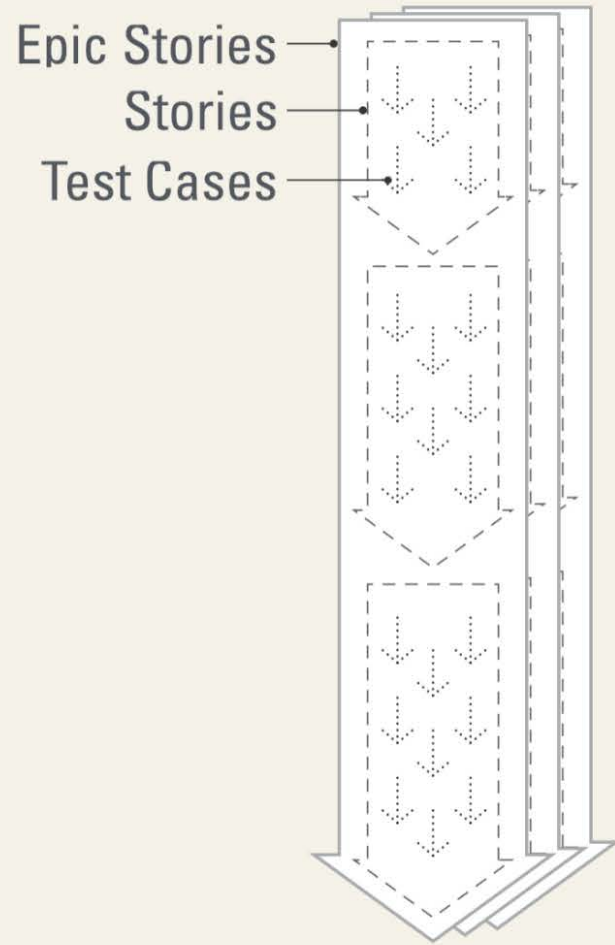
YOUR DELIVERY PIPELINE- GETTING STARTED

Alex Cowan

DEVOPS AND THE PRODUCT MANAGER

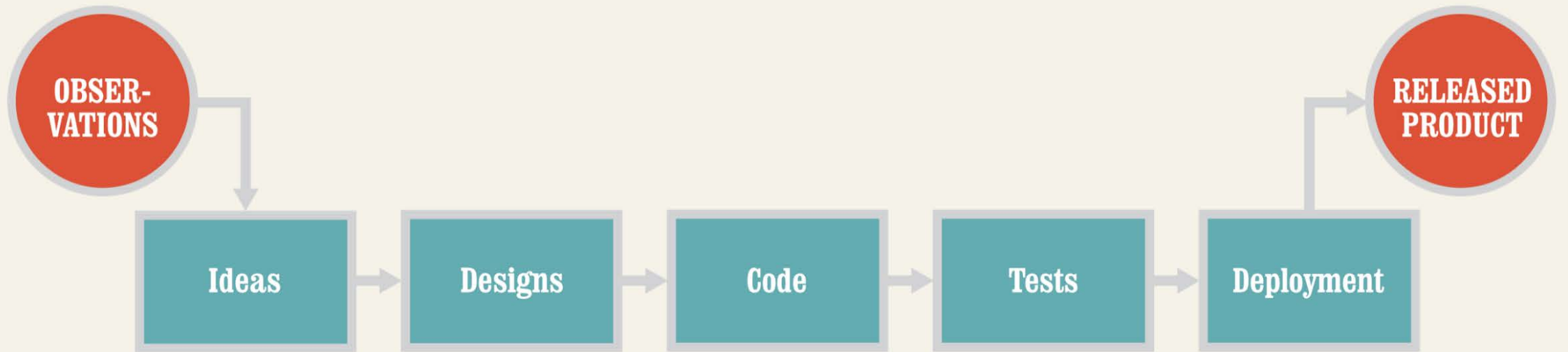


(THE WHOLE) AGILE USER STORY

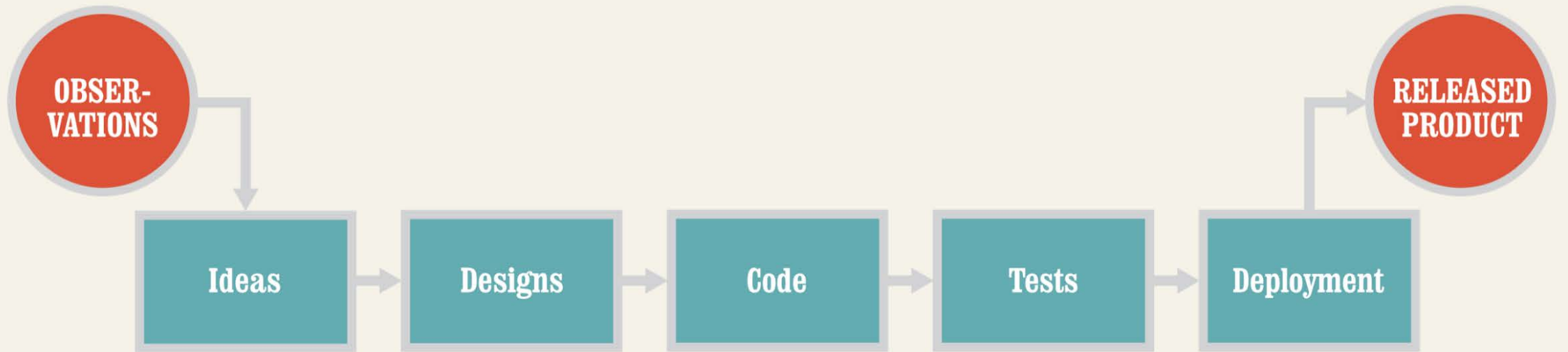


“As a [persona],
I want to [do something]
so that I can [realize a reward]”

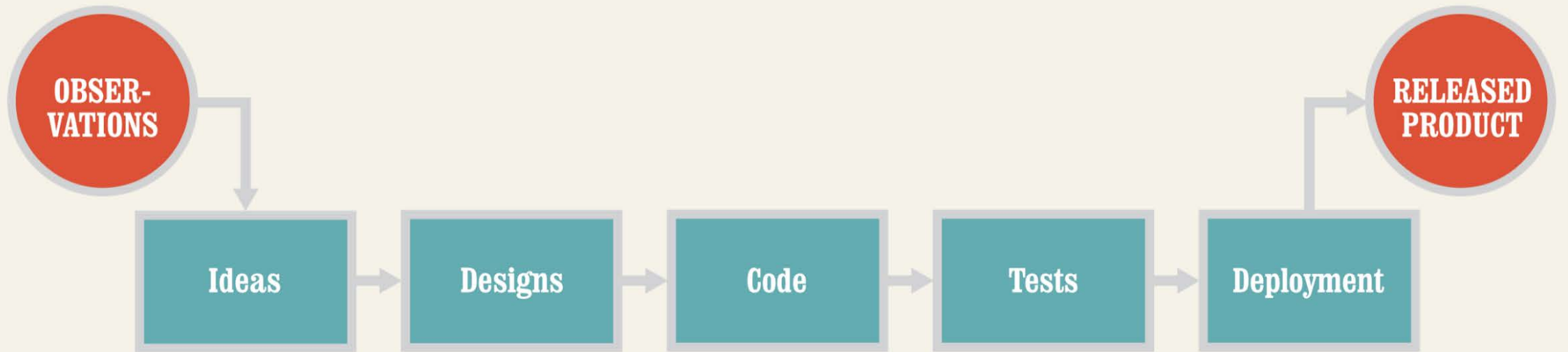
DEVOPS AND THE PRODUCT MANAGER



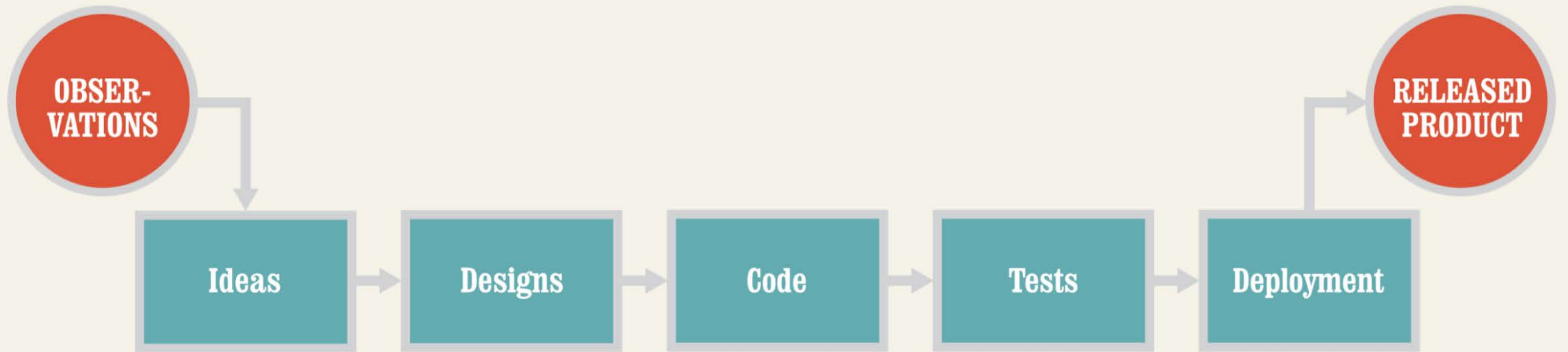
DEVOPS AND THE DEV



DEVOPS AND THE TESTER



DEVOPS AND OPS



THE PRACTICE OF DEVOPS AND THE JOURNEY TO CD

