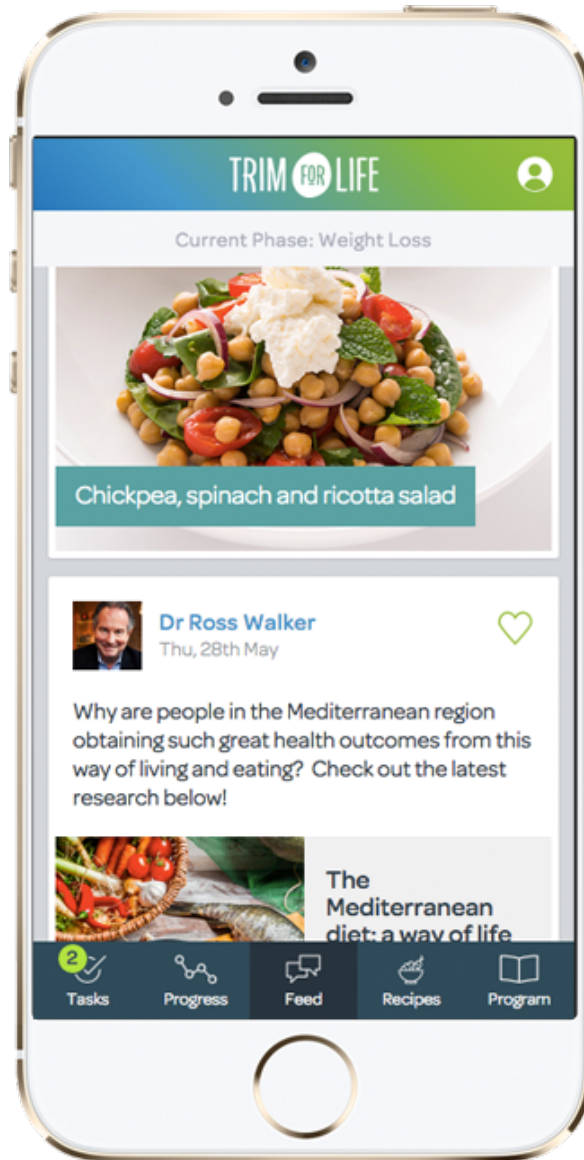


**DEPLOYING TWO APPS,
THREE MICROSERVICES,
AND ONE WEBSITE WITH
ZERO HAIR LOSS:
WHAT WORKED FOR US**

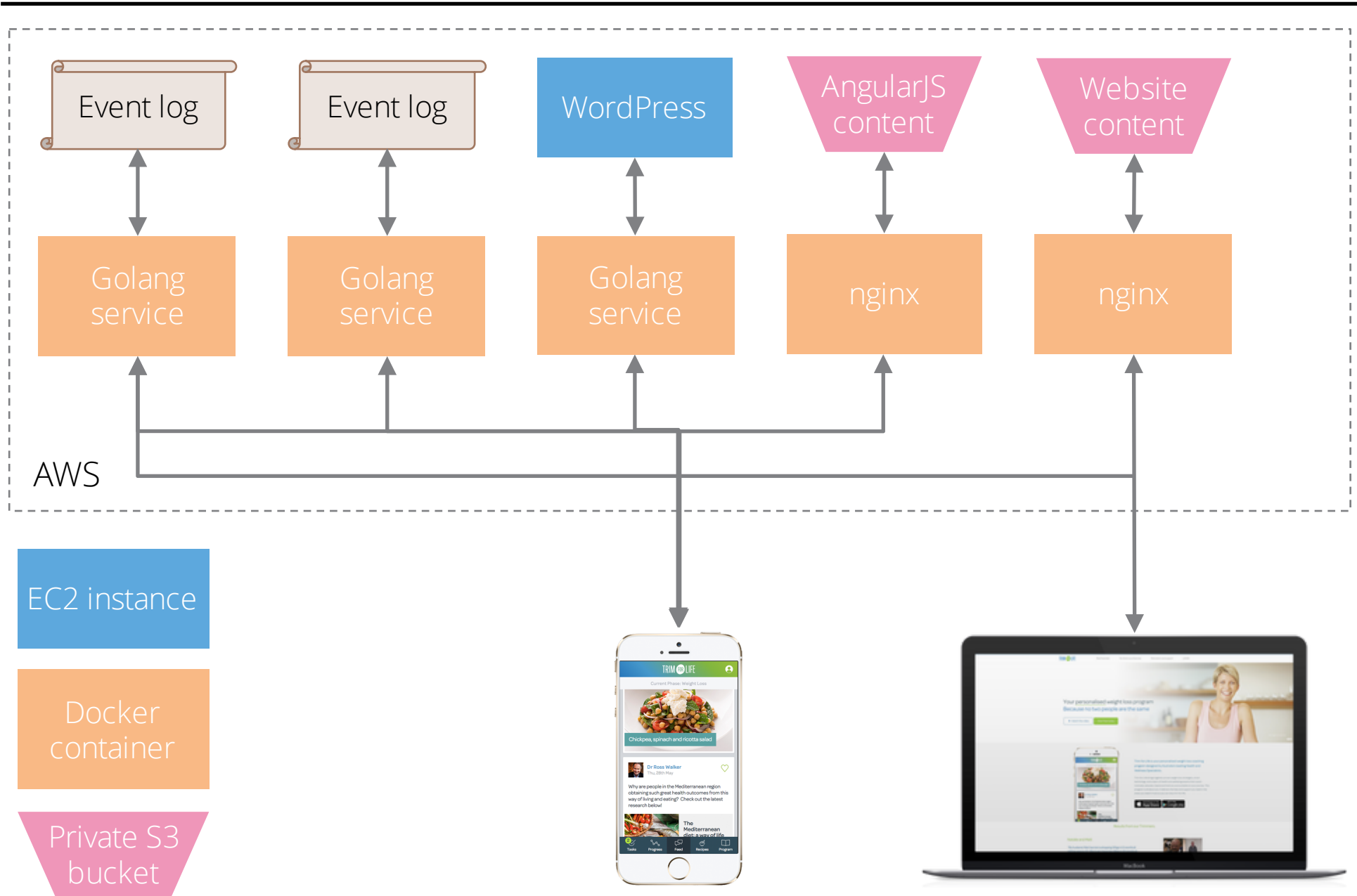
Charles Korn

THE PROJECT

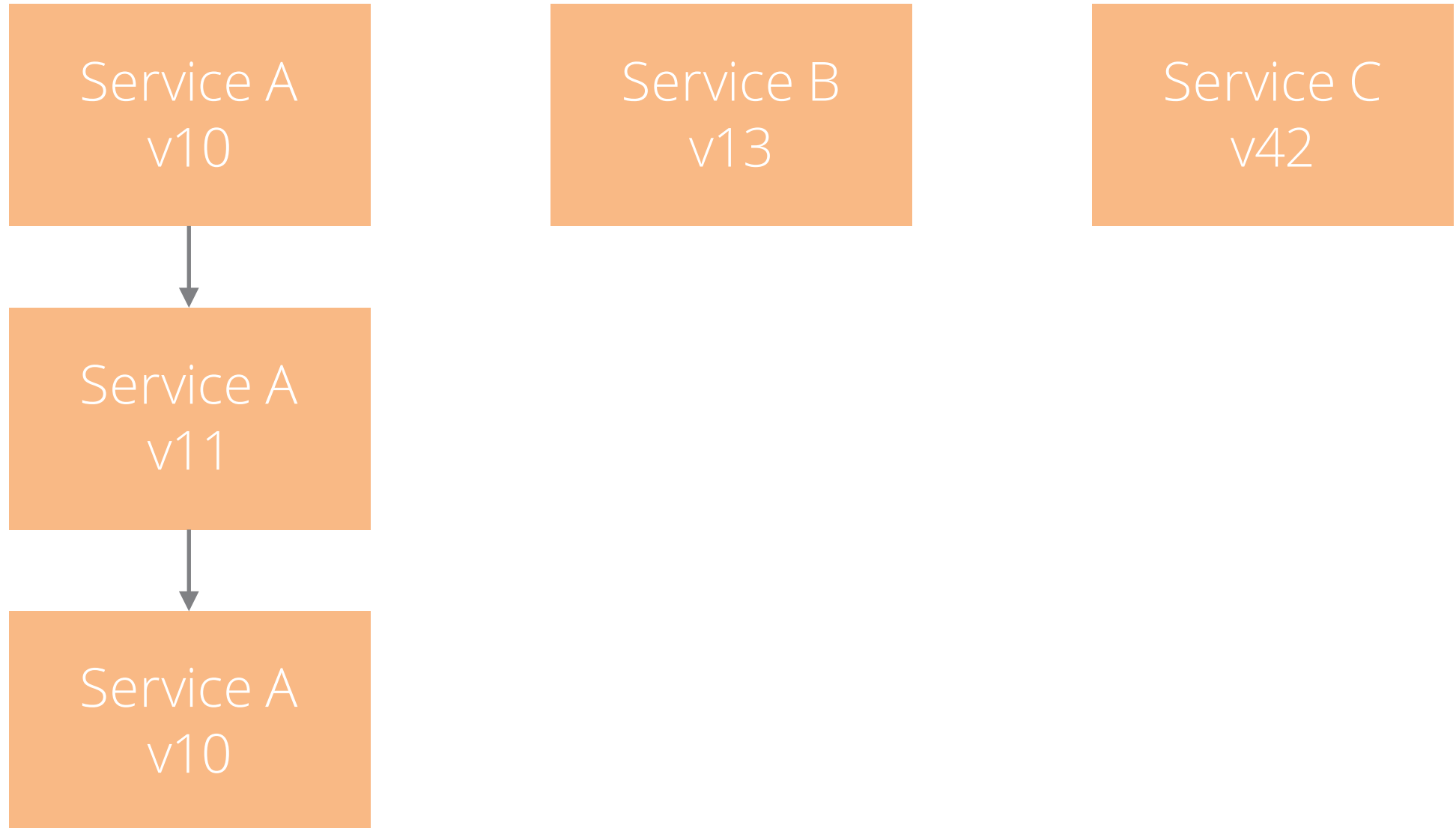


Architecture

ARCHITECTURE



ARCHITECTURE



ARCHITECTURE

Service A
v10



Service A
v11



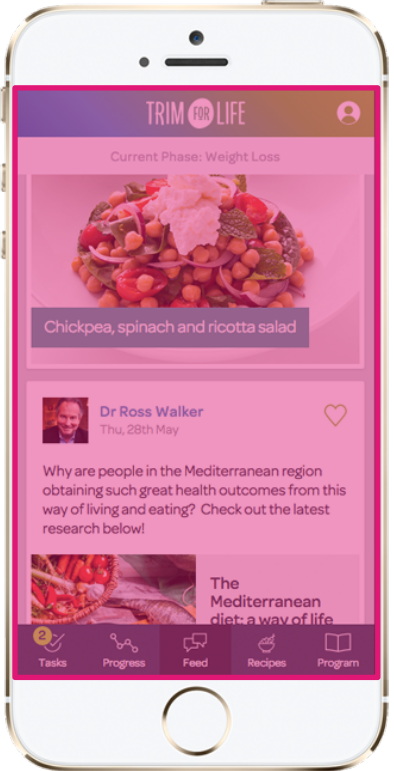
Service A
v10

```
{ "eventType": "eventA", ... }  
{ "eventType": "eventB", ... }
```

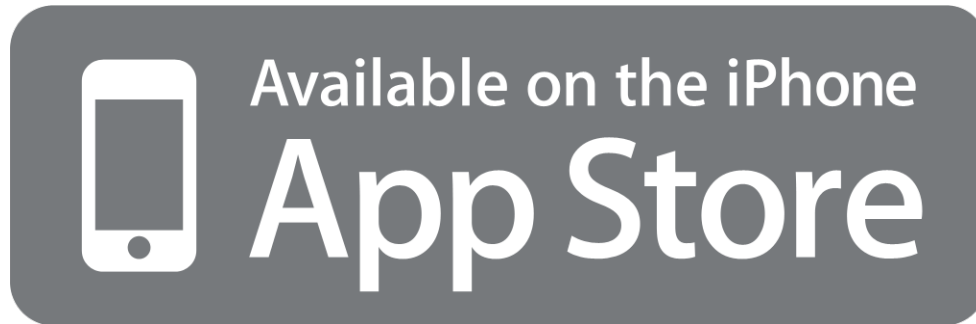
```
{ "eventType": "eventA", ... }  
{ "eventType": "eventB", ... }  
{ "eventType": "eventC", ... }  
{ "eventType": "eventB", "newAttr": "1234" }
```

```
{ "eventType": "eventA", ... }  
{ "eventType": "eventB", ... }  
{ "eventType": "eventC", ... }  
{ "eventType": "eventB", "newAttr": "1234" }
```

ARCHITECTURE



ARCHITECTURE

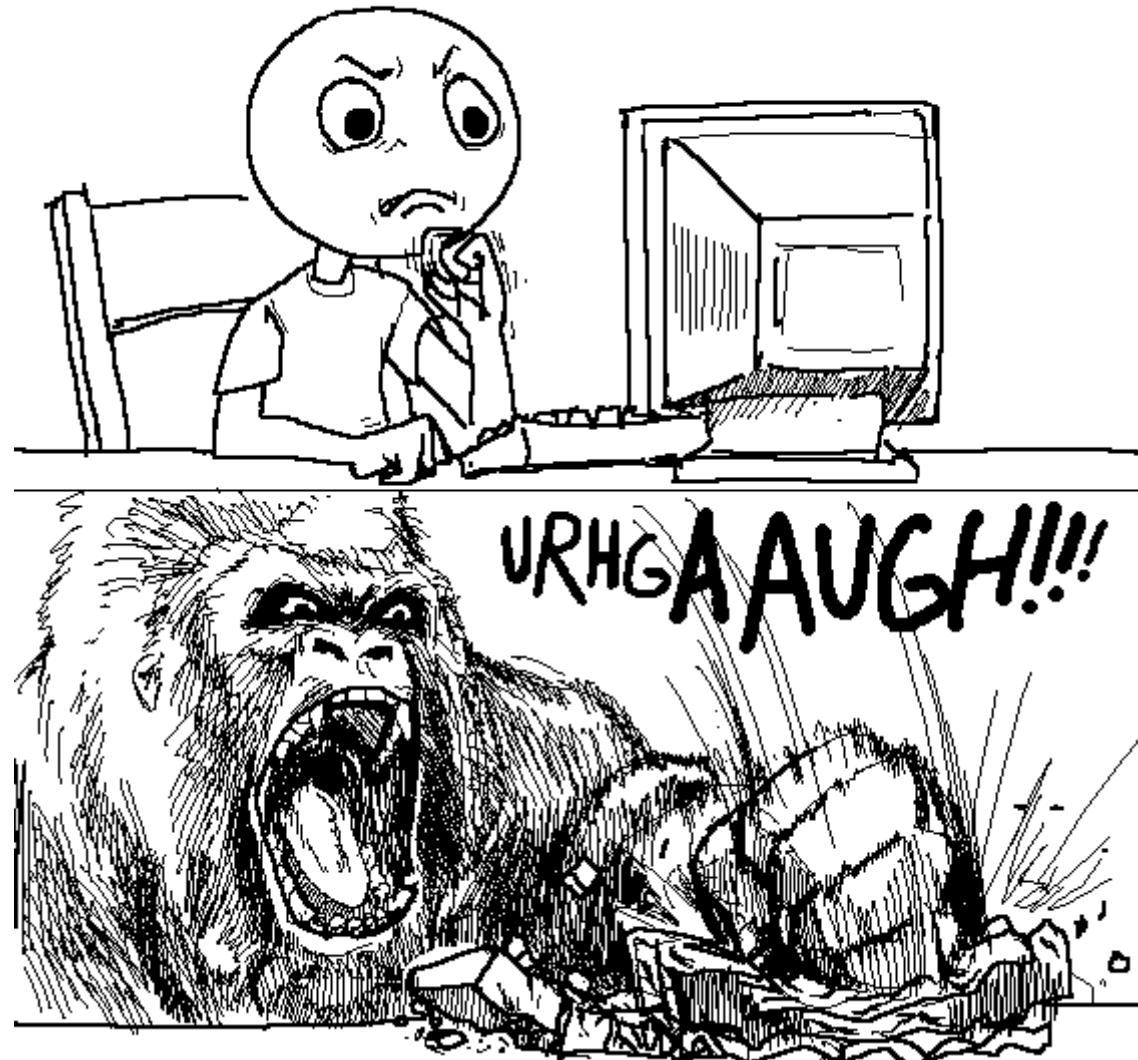


8 days



Few hours

ARCHITECTURE

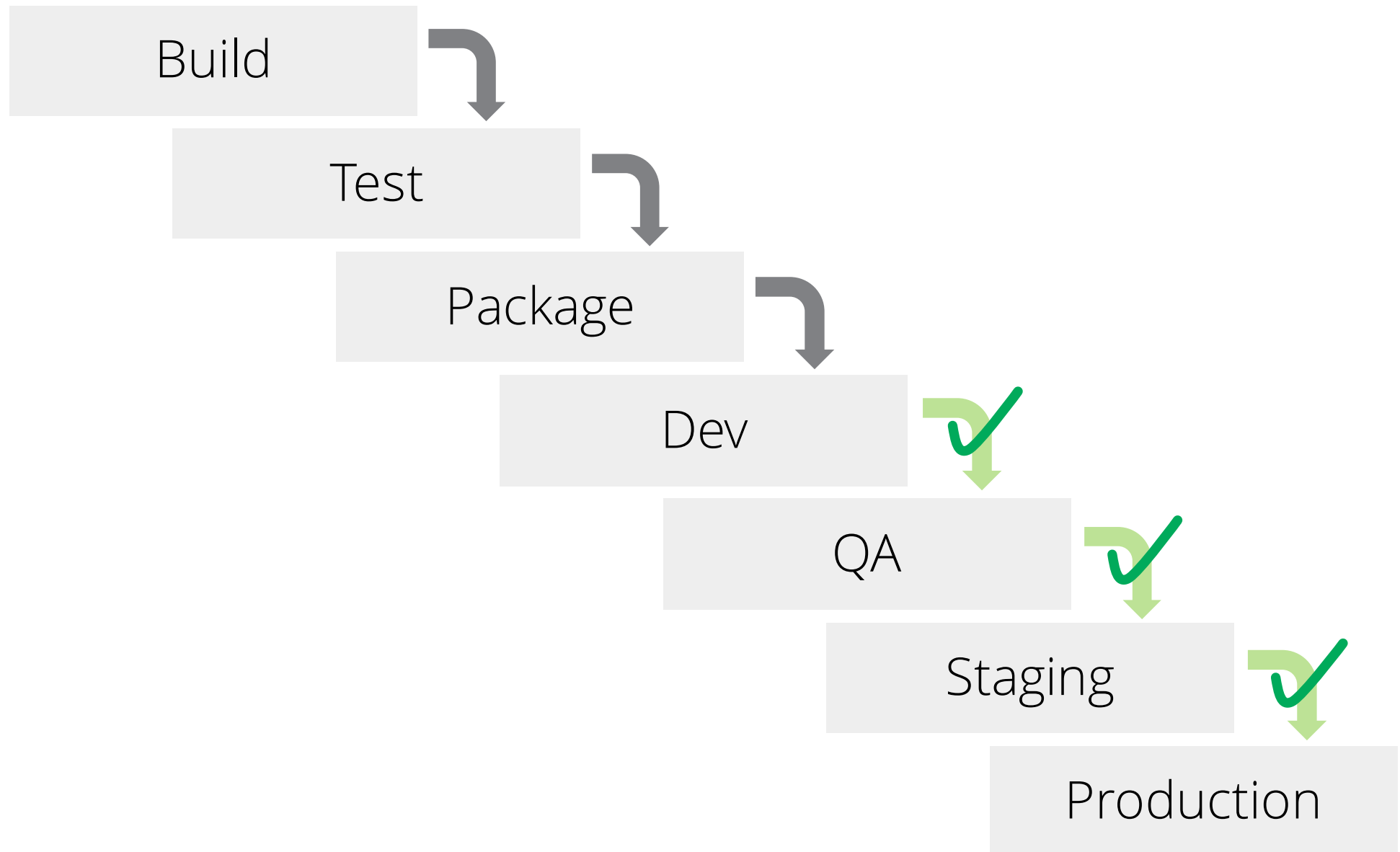


Deployment pipelines

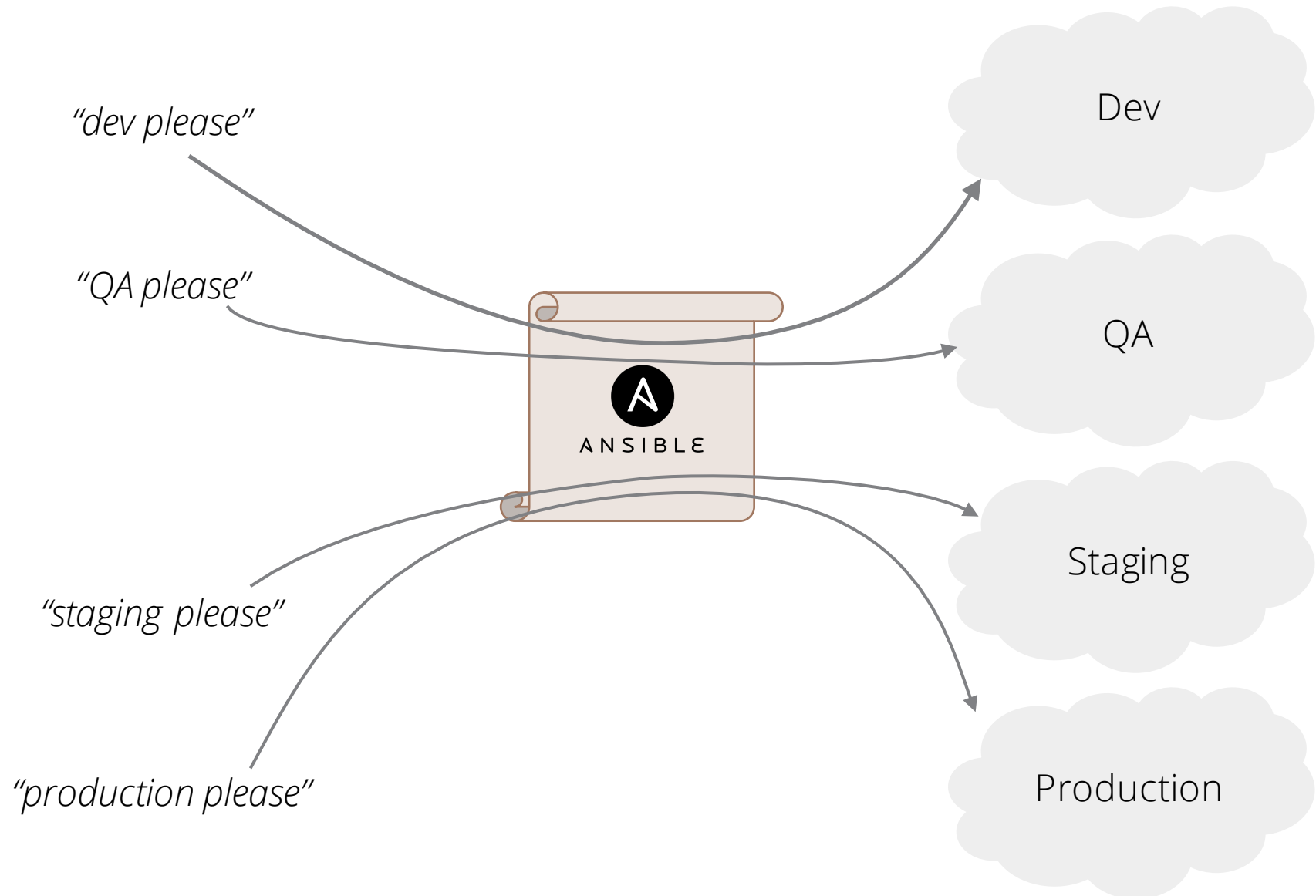
DEPLOYMENT PIPELINES



DEPLOYMENT PIPELINES



DEPLOYMENT PIPELINES

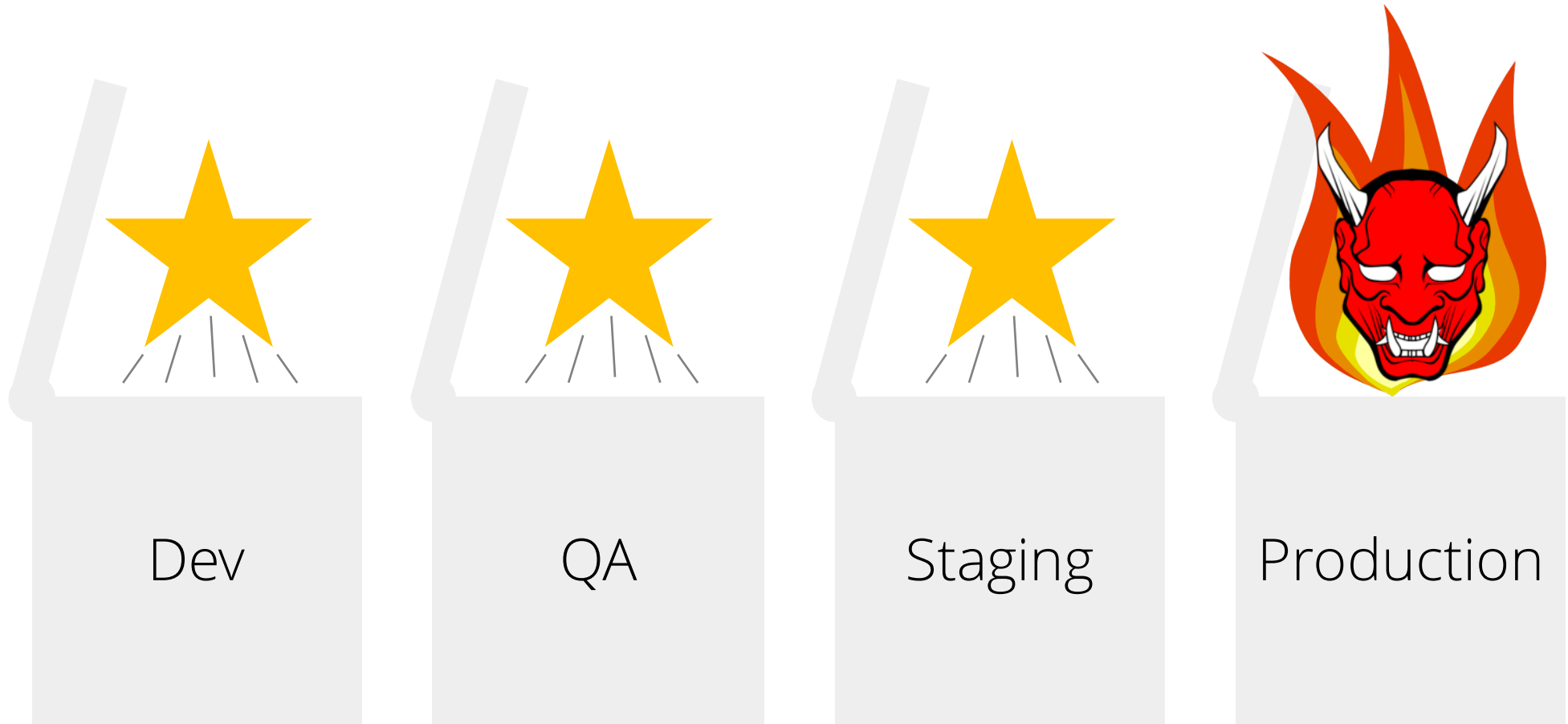


DEPLOYMENT PIPELINES

1. Download new Docker image (~5 s)
2. Stop old version (near instant)
3. Start new version (~1 s)



DEPLOYMENT PIPELINES



DEPLOYMENT PIPELINES

~~Apps~~

DEPLOYMENT PIPELINES

Infrastructure



(although it would have been nice)

MONITORING



MONITORING

1. Go to website
2. Sign up for an account
3. Go to app
4. Complete introduction
5. Check basic interactions work
6. Check content is shown as expected

THANK YOU

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