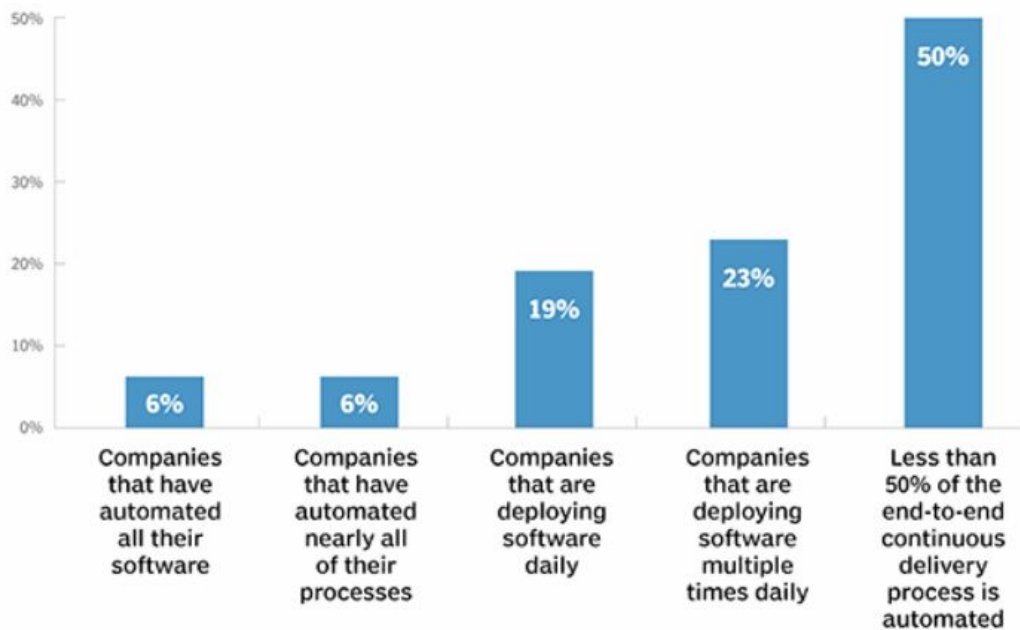


# CI/CD process of the future to have the code NOW

Tomasz Szyborski



## CI/CD by the numbers


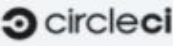

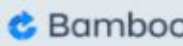



**Be ahead of code.  
Plan and design quality  
as a built-in feature.**

## CI/CD Process



# Costs - affordable by all

	 <b>Jenkins</b>	 <b>circleci</b>	 <b>TeamCity</b>	 <b>Bamboo</b>	 <b>GitLab</b>
Open source	Yes	No	No	No	No
Ease of use & setup	Medium	Medium	Medium	Medium	Medium
Built-in features	3/5	4/5	4/5	4/5	4/5
Integration	★★★★★	★★★★	★★★★★	★★★	★★★★★
Hosting	On premise & Cloud	On premise & Cloud	On premise	On premise & Bitbucket as Cloud	On premise & Cloud
Free version	Yes	Yes	Yes	Yes	Yes
Build Agent License Pricing	Free	From \$39 per month	From \$299 one-off payment	From \$10 one-off payment	From \$4 per month per user
Supported OSs	Windows, Linux, macOS, Unix-like OS	Linux or MacOS	Windows, Linux, macOS, Solaris, FreeBSD and more	Windows, Linux, macOS, Solaris	Linux distributions: Ubuntu, Debian, CentOS, Oracle Linux

**Deliver code daily.  
By all.**

**Fail fast - gain quality even faster!**



**Leverage infrastructure as code  
using:**



**Deploy code seamlessly.  
From defined requirements.  
Through code.  
To the client.**

**By automation.**

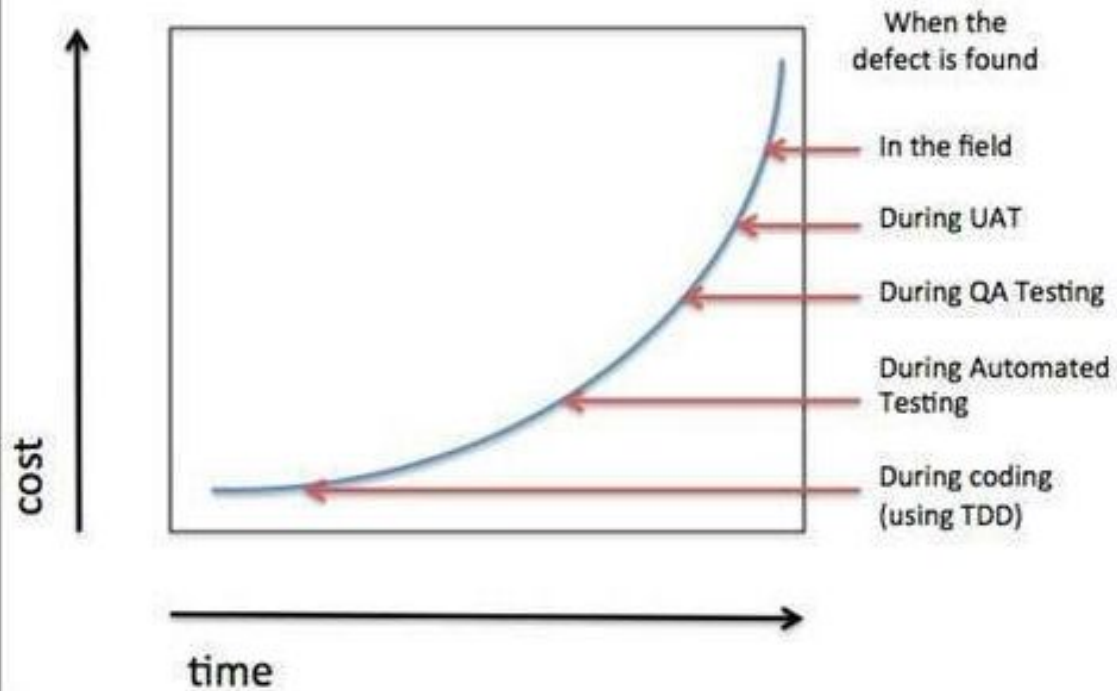


**CI/CD decreases cost and  
time-to-find bugs  
tremendously.**



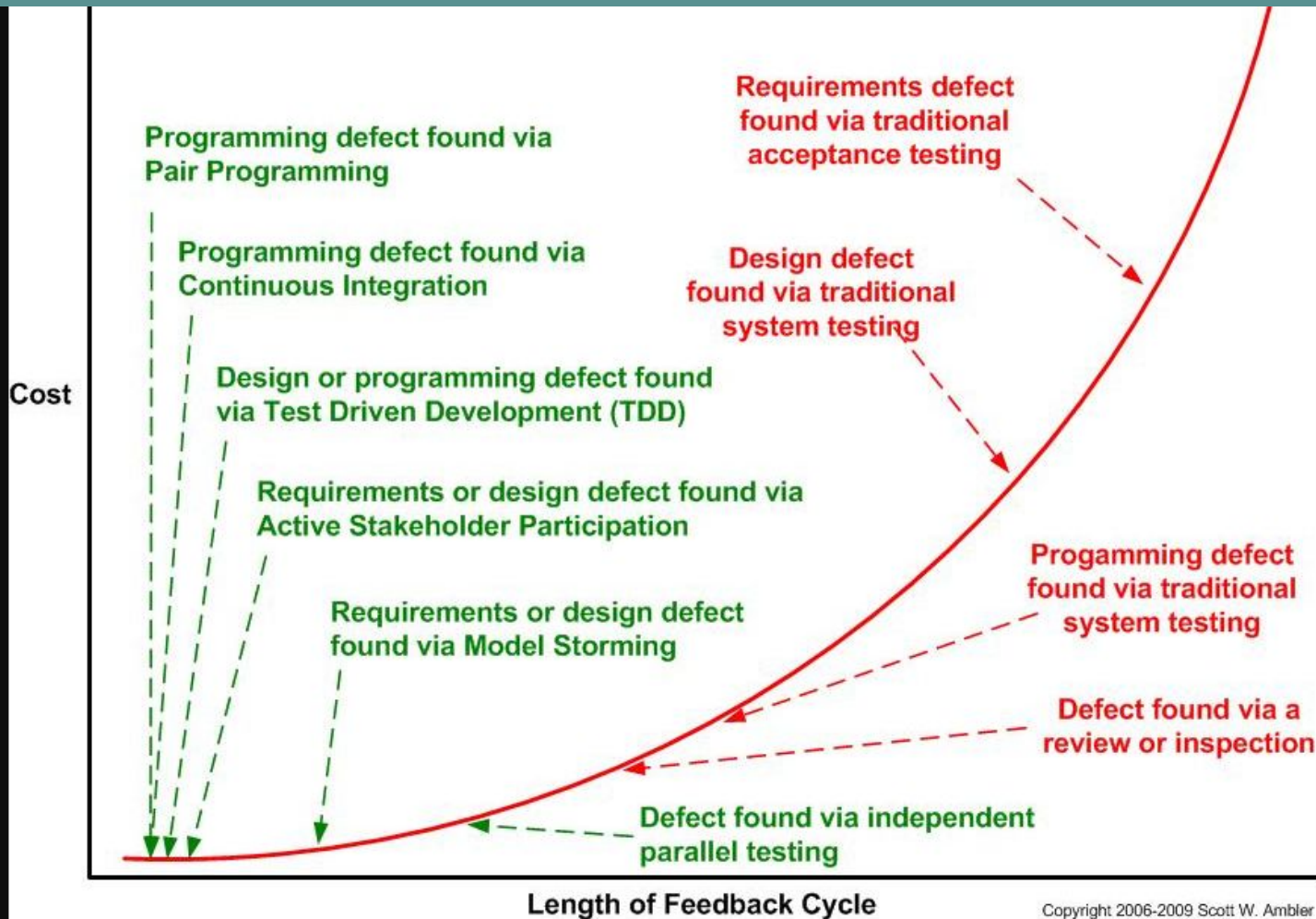


## Cost of Defect Remediation Over Time



**Squash the bugs early.  
Save time, resources  
and money!**





# Pay-as-you-go and don't be stopped

## Monthly costs by service

Last 6 Months

Monthly

Stack

### FILTERS

Service

EC2-Instances

Linked Account

Region

Instance Type

Usage Type

Usage Type Group

Tag

API Operation

Charge Type

More filters

### ADVANCED OPTIONS

Show costs as

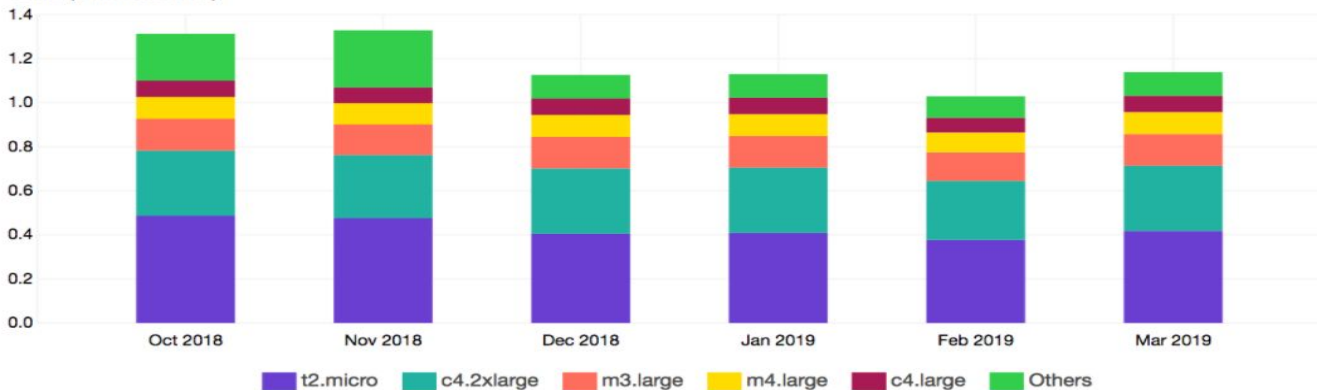
Unblended costs

Include costs related to

☐ Show only untagged

Group by: Instance Type Service Linked Account Region Usage Type Tag API Operation Availability Zone More

Costs (\$ in thousands)



Download CSV

Instance Type	Oct 1, 2018	Nov 1, 2018	Dec 1, 2018	Jan 1, 2019
Total cost (\$)	1,312.71	1,328.54	1,125.99	1,129.65
t2.micro (\$)	486.75	475.89	405.63	409.27
c4.2xlarge (\$)	296.11	286.56	296.11	296.11