

carahsoft®

Keep/Start/Stop: Retro on a Decade of DSO

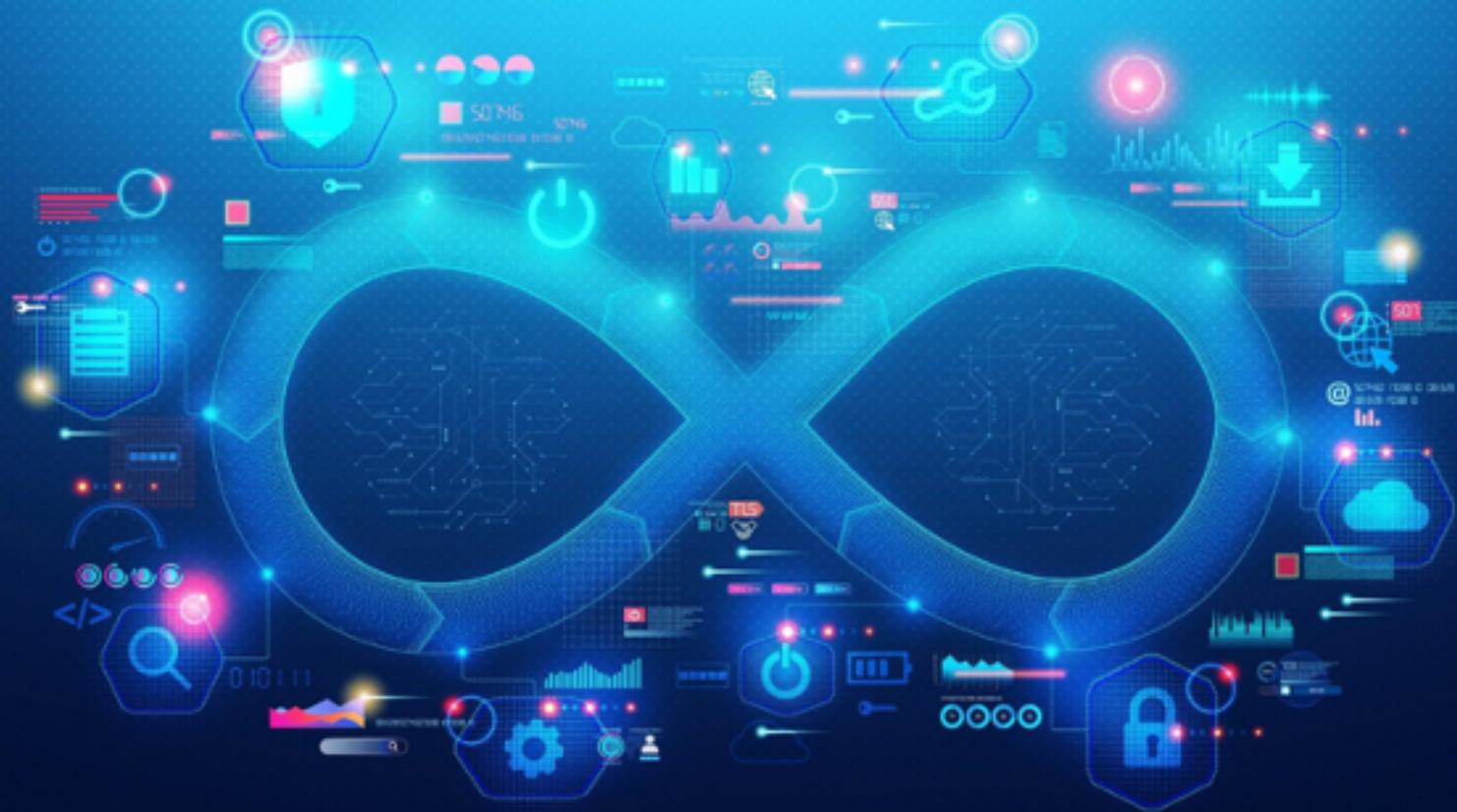


Paul Puckett

Chief Executive Officer

Clarity Innovations







Start, Stop, Continue



START

List of ideas to
start doing.



STOP

List of ideas to
stop doing.

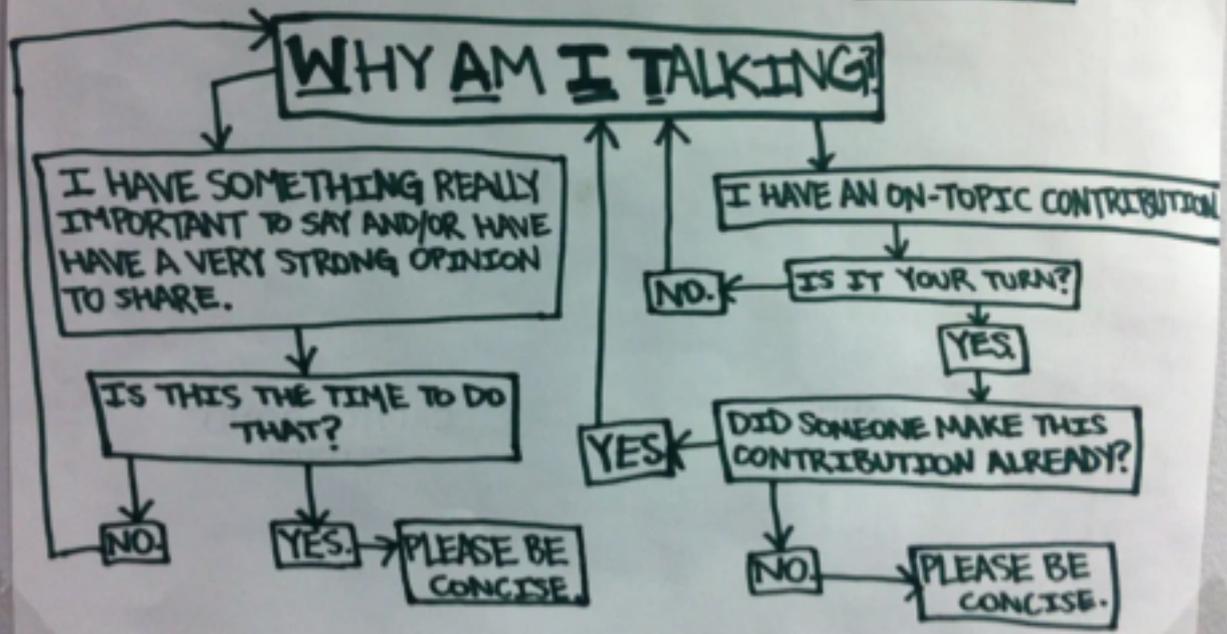


CONTINUE

List of ideas adopt
more widely.

W.A.I.T.

CONSIDER THIS QUESTION BEFORE YOU BEGIN.





KEEP BAHRAIN CLEAN

DO NOT SPIT



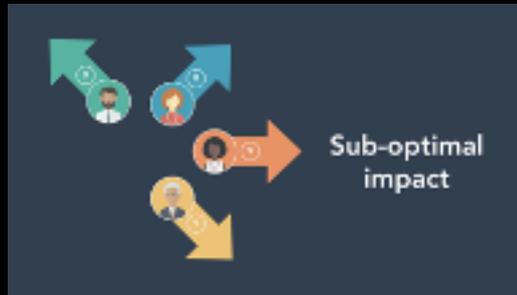
Every person on the team is a **vector**.



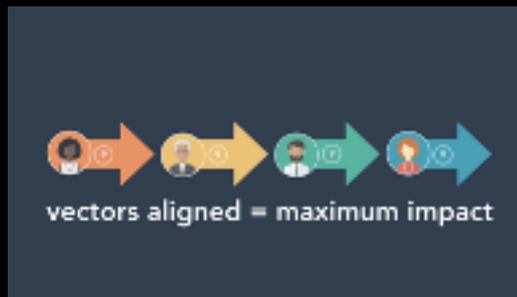
Your progress is
determined by the
sum of all vectors.



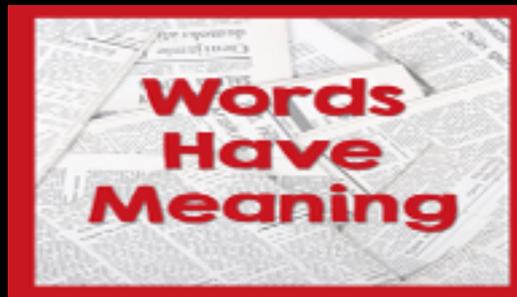
If we want to go from



To



Then we need to agree





DevSecOps -

A methodology in which development, cybersecurity and IT operations teams are mutually incentivized in their cultures, practices, tooling, and processes



DevSecOps -

A methodology in which development, cybersecurity and IT operations teams are mutually incentivized in their cultures, practices, tooling, and processes **in order to continuously field business value**, often in the form of software, without sacrificing quality, stability, or security.



What business are you really in?

Defining DSO in context of
the outcome - the mission

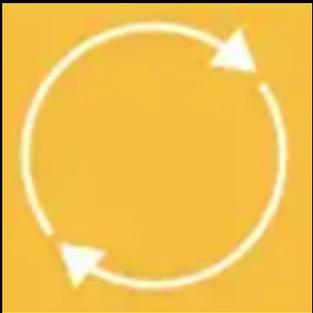




Defining DSO in context of
the outcome - the mission



Defining DSO about CI/CD
or technology products

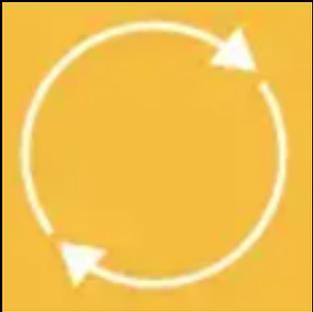




Defining DSO in context of
the outcome - the mission



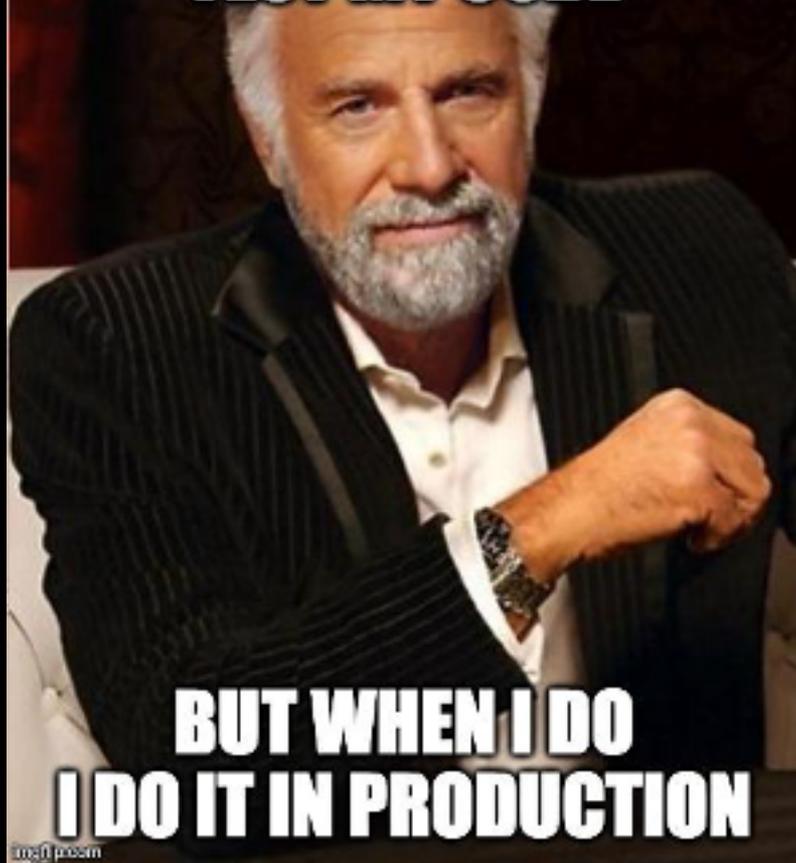
Defining DSO about CI/CD
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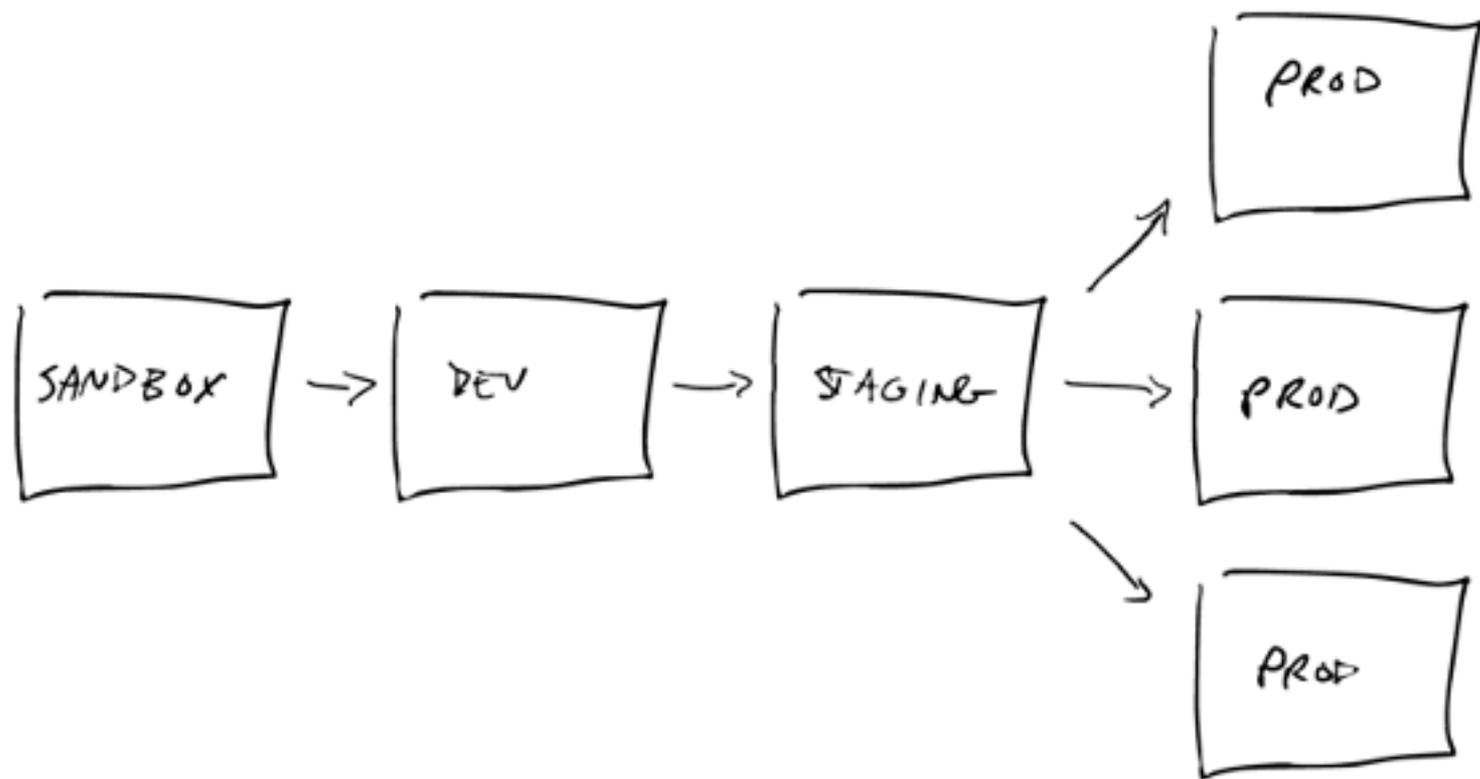
Aligning on definitions so we
are all starting together



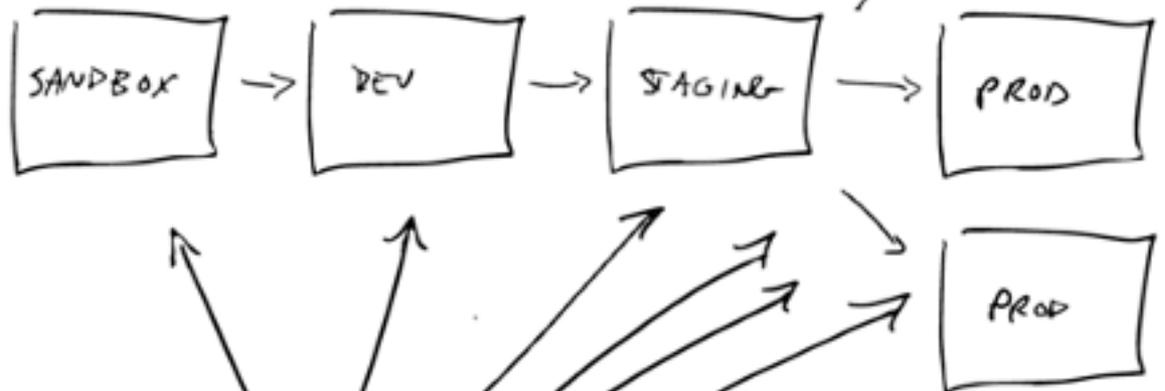
**I DONT ALWAYS
TEST MY CODE**



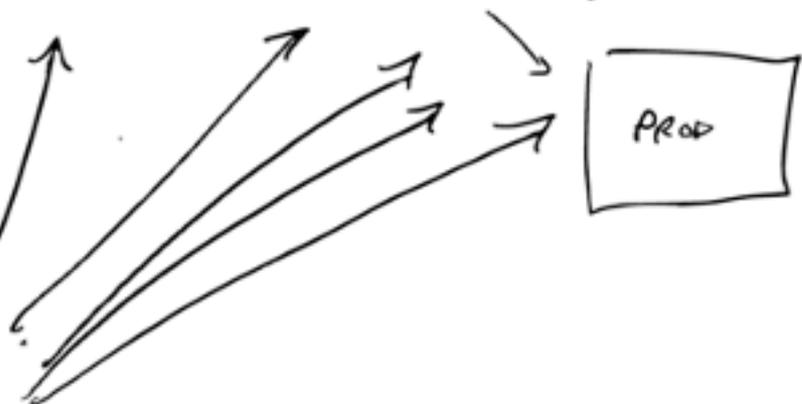
**BUT WHEN I DO
I DO IT IN PRODUCTION**



APP

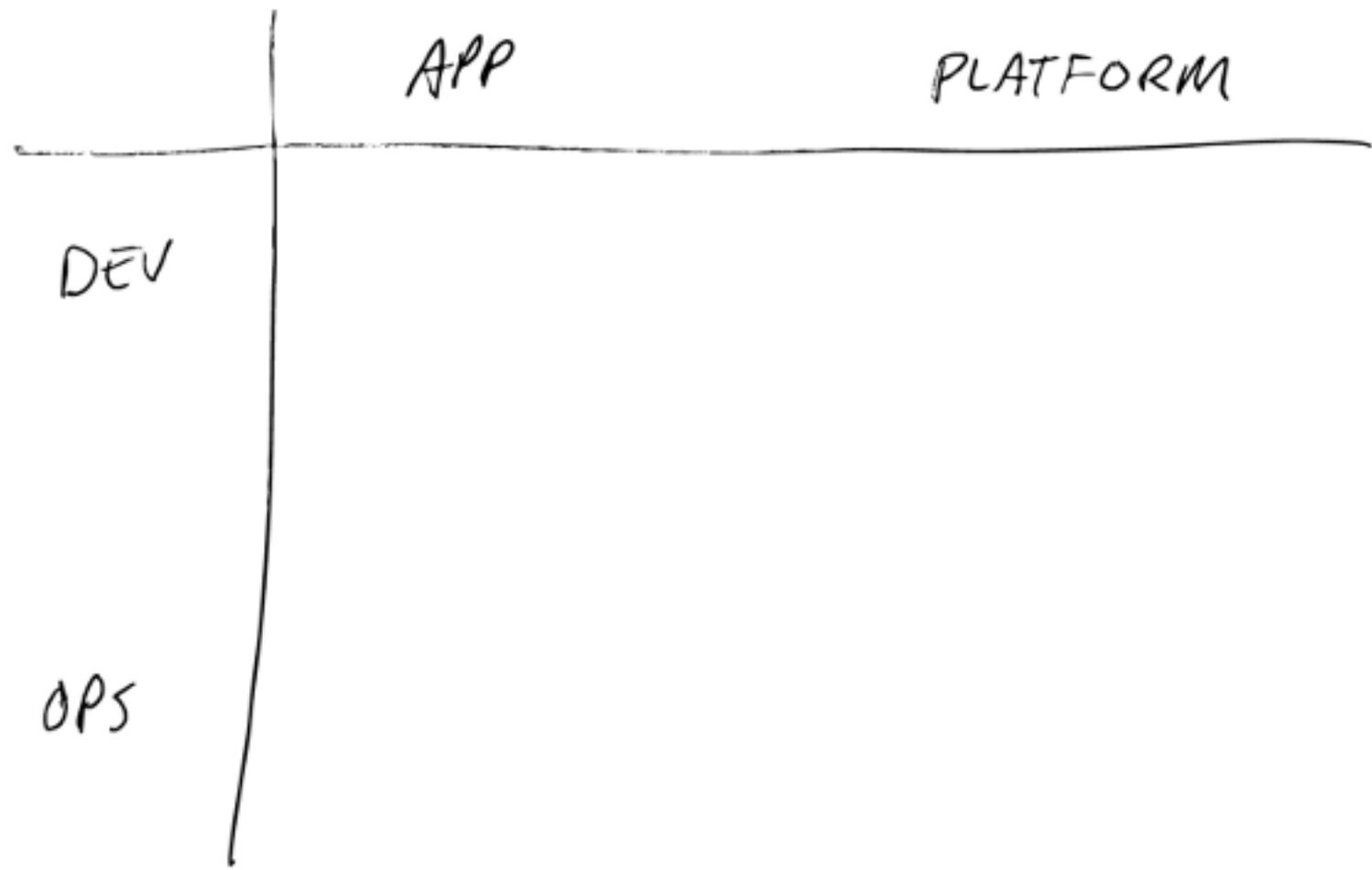


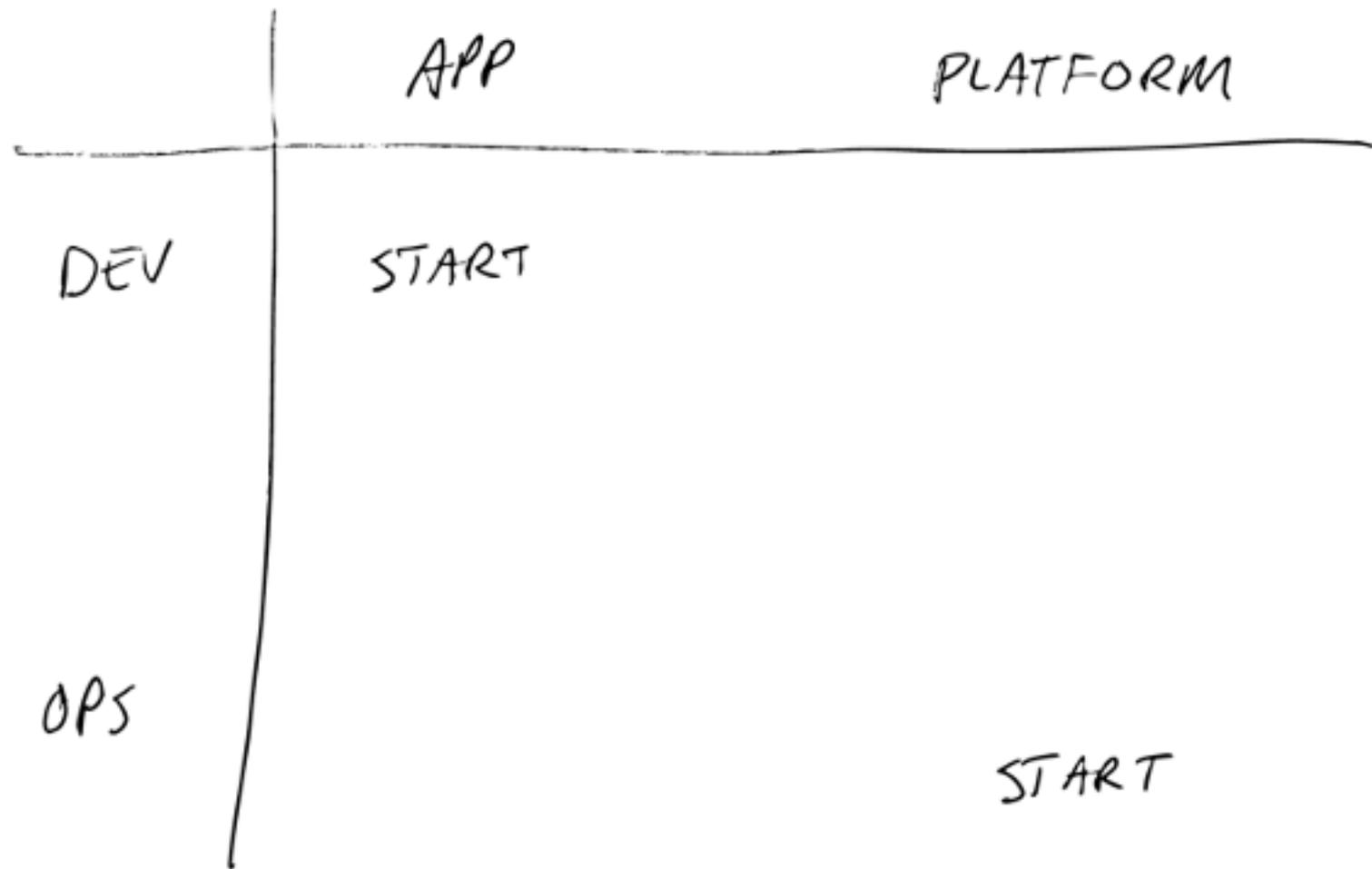
PLATFORM

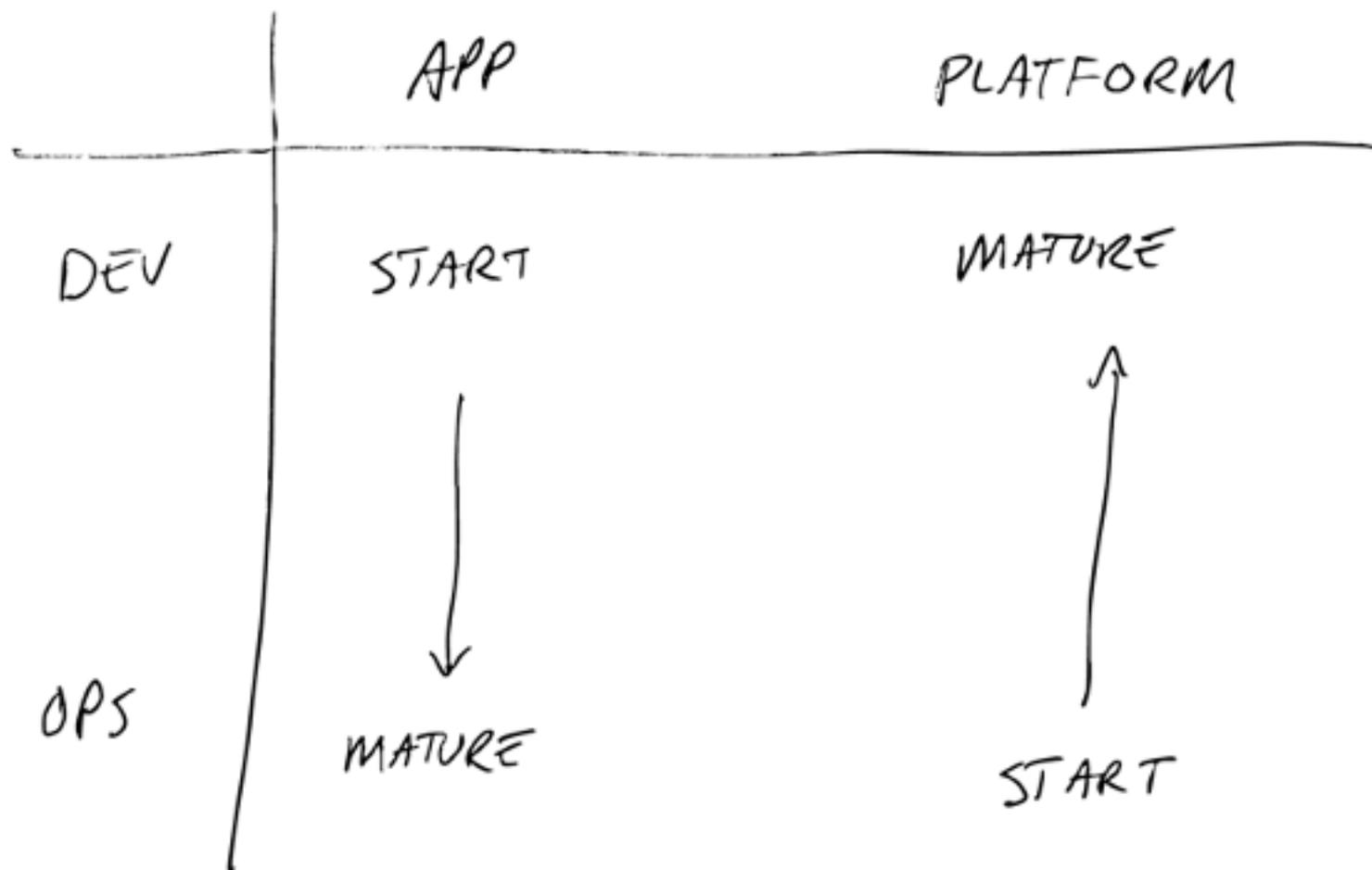


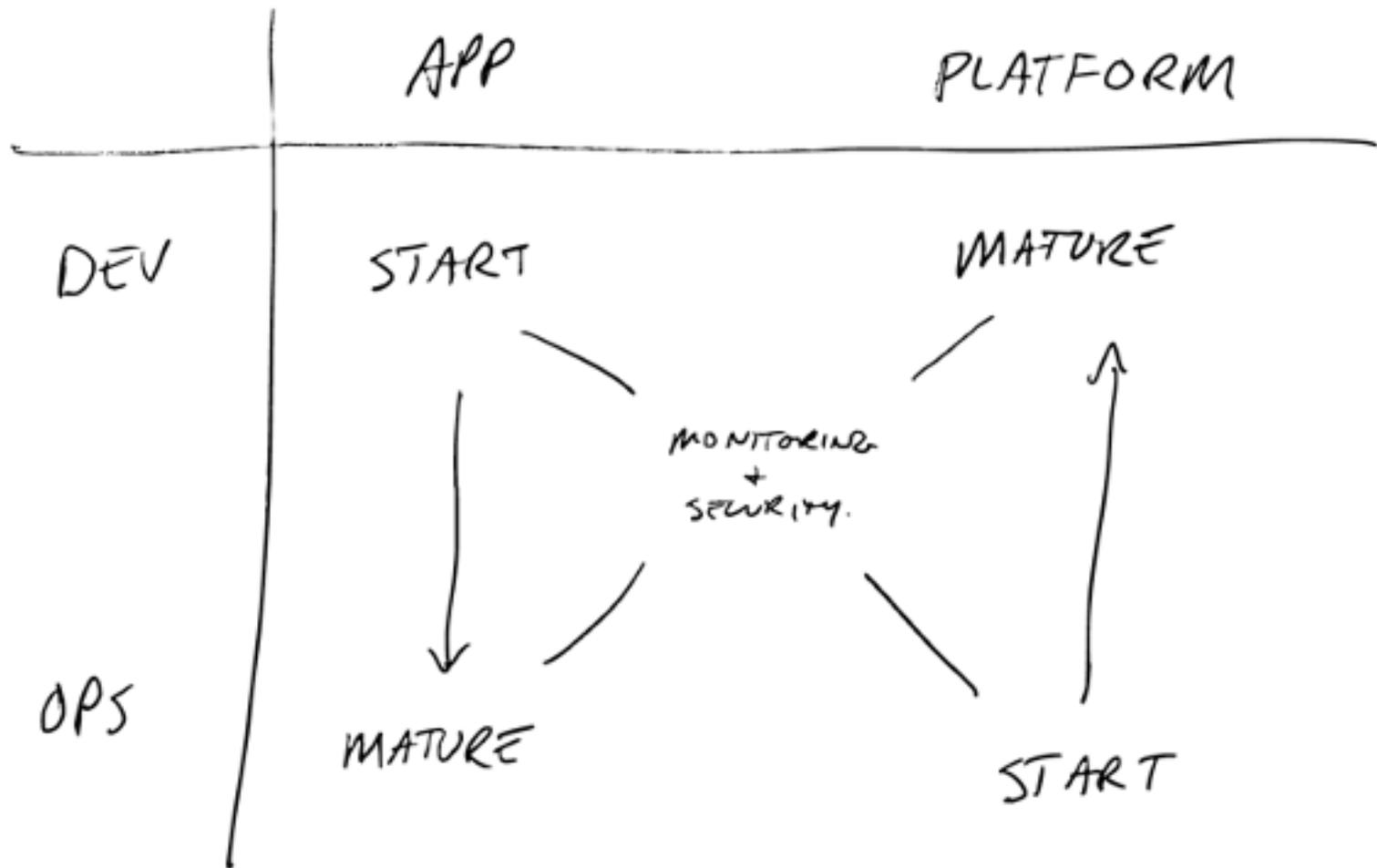


Every developer facing service is a
production environment









Treating every app dev
facing service as production





Treating every app dev
facing service as production



Platform testing in
application dev





Treating every app dev
facing service as production

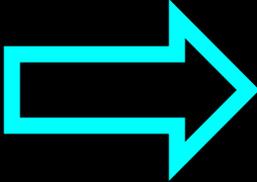


Platform testing in
application dev



Platform as a product



cATO  cRMF



LETS TALK ABOUT SEC BABY





Steps of RMF

Prepare
Categorize
Select
Implement
Assess
Authorize
Monitor



Steps of RMF In Plain Language

Are we ready to do it?

What are you doing?

If you're doing that you need to also do this.

Do it.

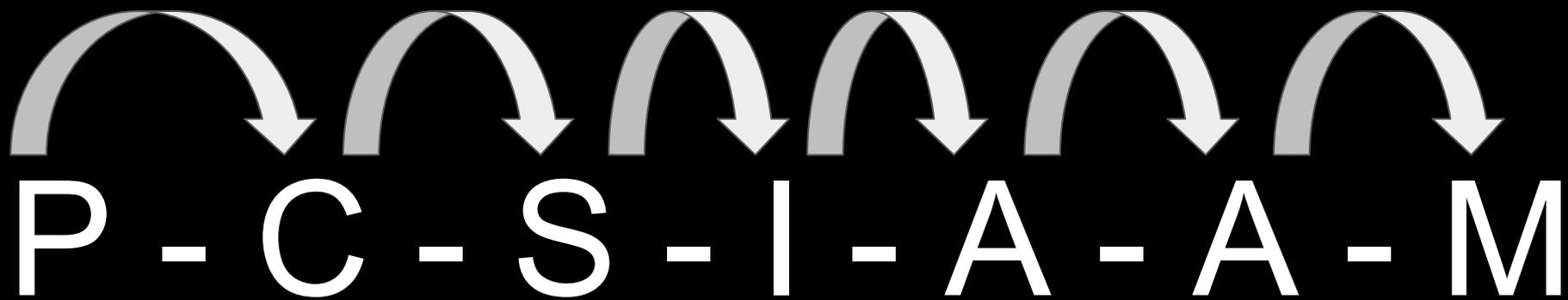
Did you do it?

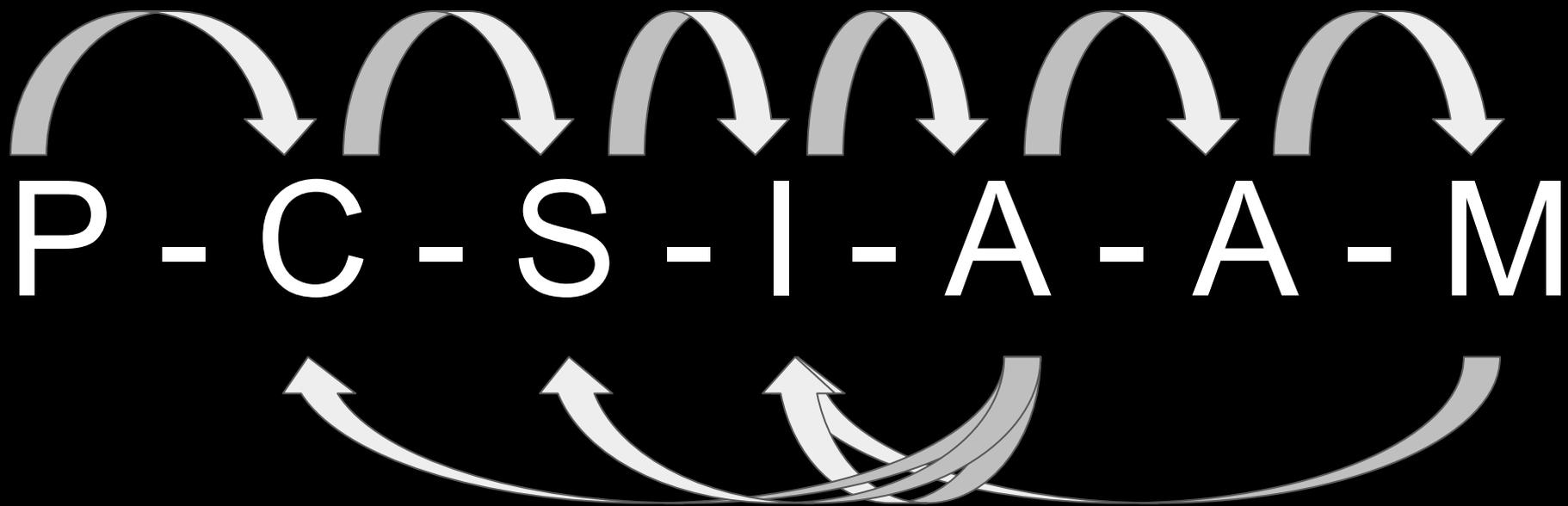
You did it!

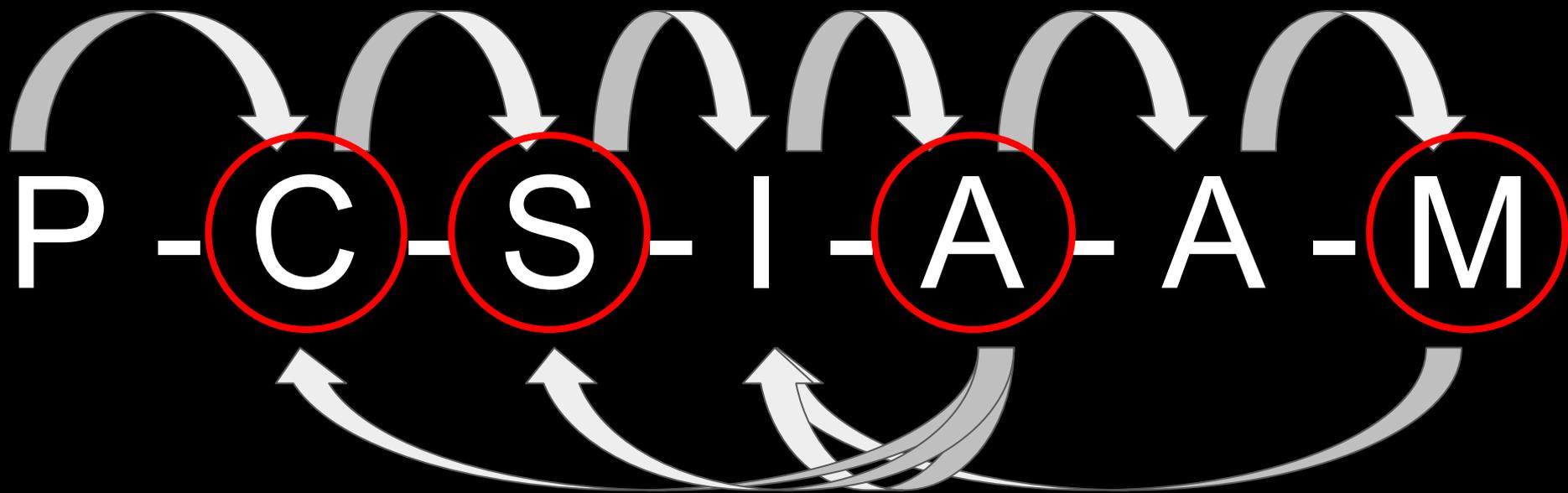
Let's make sure you keep doing it.



P - C - S - I - A - A - M







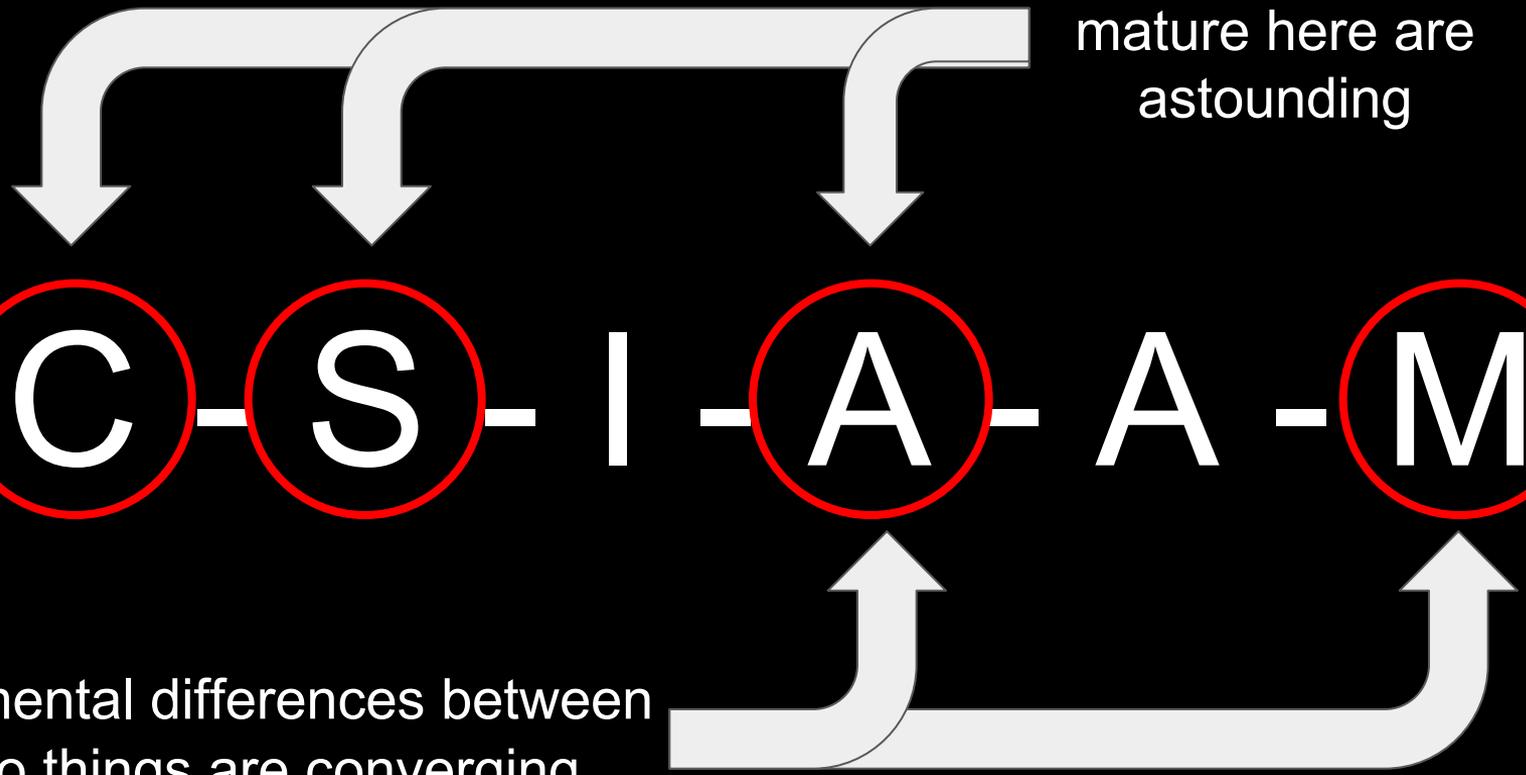
P - C - S - I - A - A - M

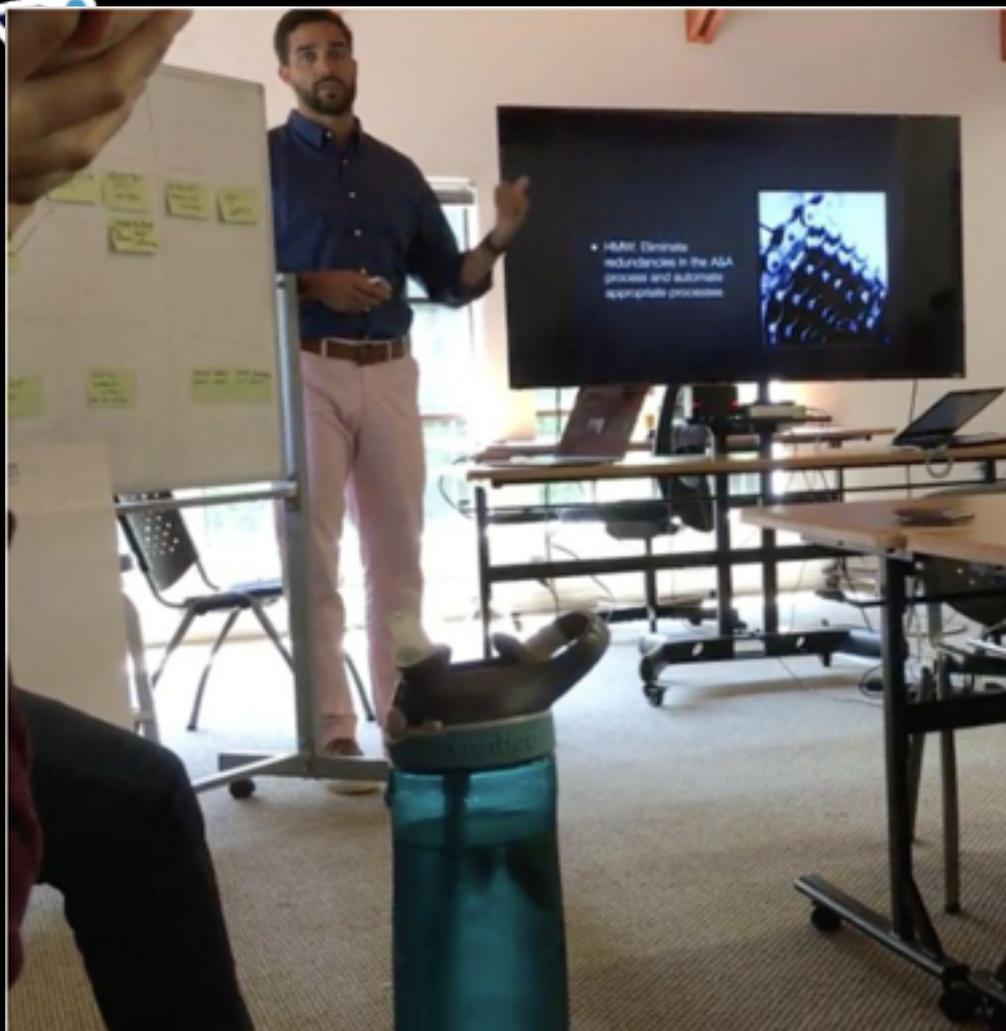


The opportunities to mature here are astounding

P - C - S - I - A - A - M

The fundamental differences between these two things are converging





Incorporating cybersecurity engineers to automate SCA





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Ignoring the other steps of the RMF in DSO





Incorporating cybersecurity engineers to automate SCA



Ignoring the other steps of the RMF in DSO



Sharing repositories of tests for security control inheritance



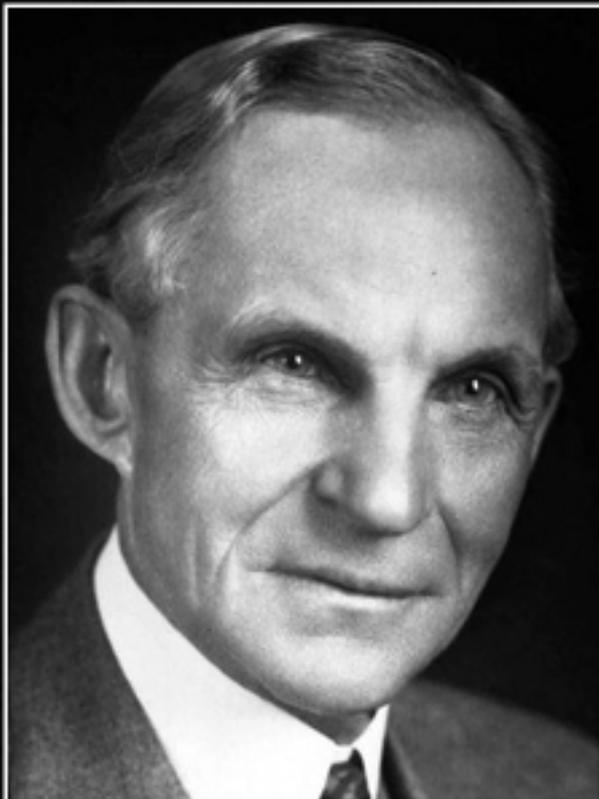
PRODUCT



PRODUCT

|

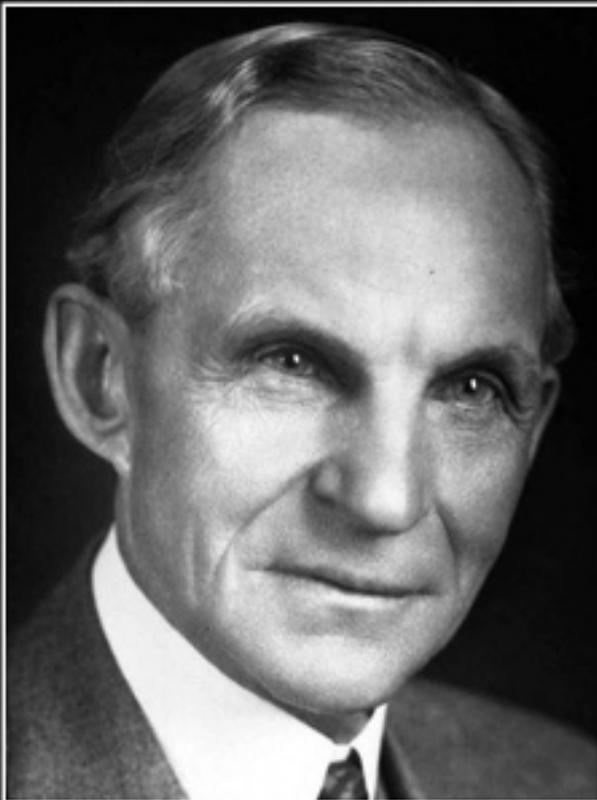
USER



If I'd listened to customers, I'd have
given them a faster horse.

— *Henry Ford* —

AZ QUOTES



If I'd listened to customers, I'd have given them a faster horse.

NOT *Henry Ford* —

AZ QUOTES



BUSINESS

|

PRODUCT

|

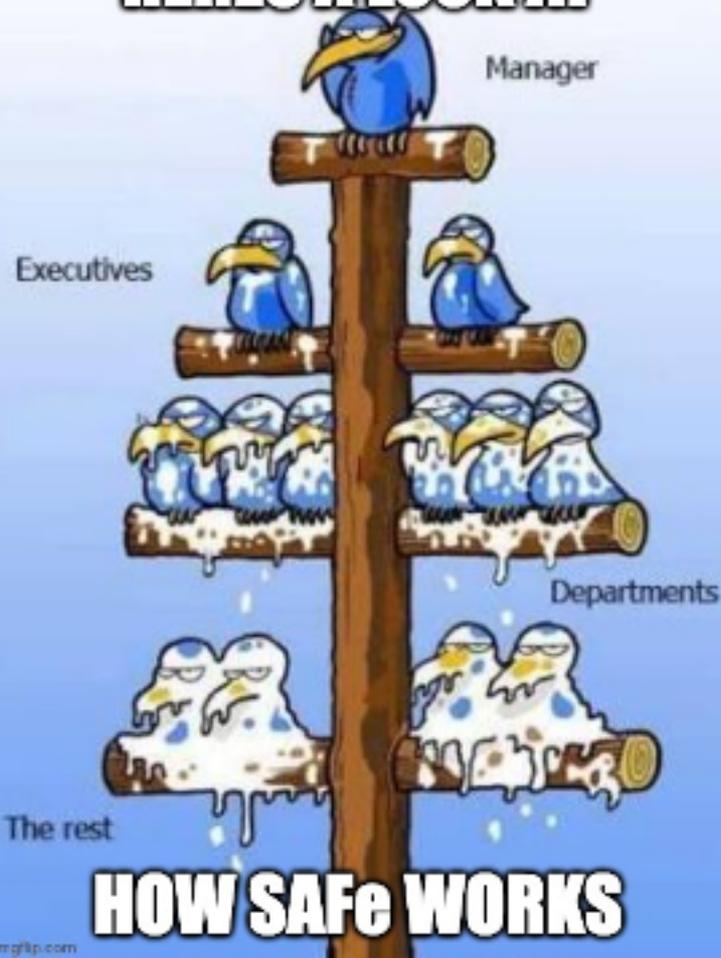
USER



Product managers exist to align top-down strategic goals of the business and bottom-up tactical feedback of the user



HERES A LOOK AT



Manager

Executives

Departments

The rest

HOW SAFE WORKS



BUSINESS

|

PORTFOLIO

/

|

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PRODUCT

PRODUCT

PRODUCT

|

|

|

USER

USER

USER



Portfolio managers exist to deconflict product dependencies while aligning strategic business goals and tactical product team feedback



BUSINESS

|

PORTFOLIO

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|

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PRODUCT
USER

—

PRODUCT

—

PRODUCT
USER

|

USER

~~|
USER~~

|

USER



Other products can be users too.
Don't ignore their user experience.

Balancing the strategic and the tactical for your business

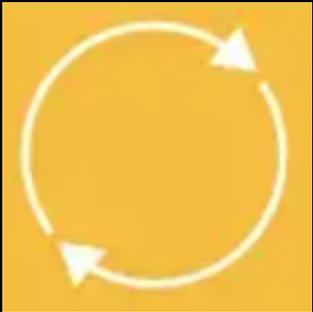




Balancing the strategic and the tactical for your business



Treating every product with autonomy from strategic goals

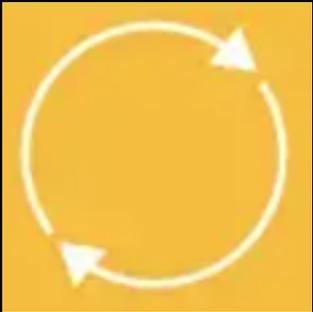




Balancing the strategic and the tactical for your business



Treating every product with autonomy from strategic goals



Having a product mindset for how capabilities are delivered



Words have meaning

Every appdev facing service is production

Don't ignore the security OODA loop

Balance the strategic and the tactical



Let's stay in touch
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