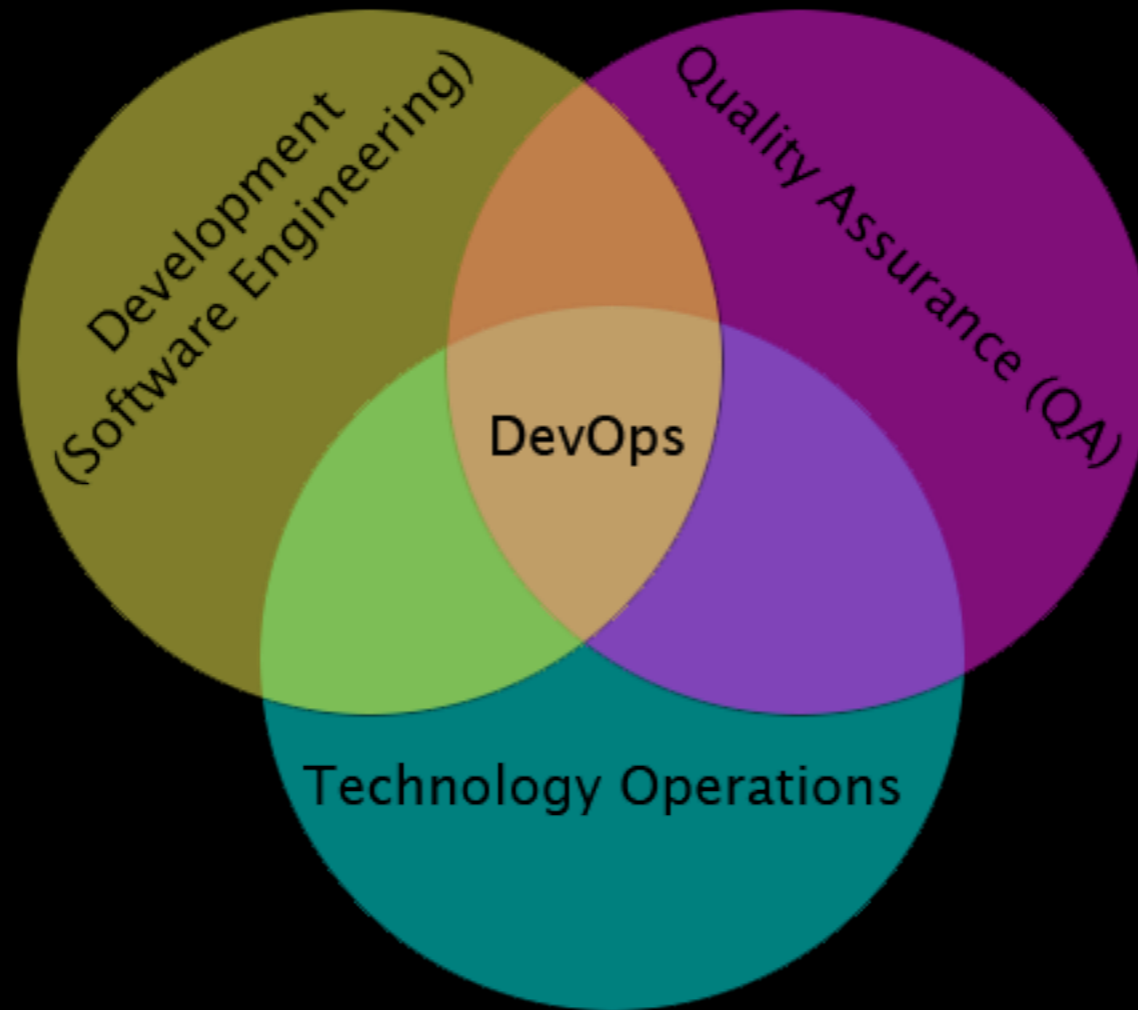


DevOps

opinions on
DevOps



* image from the DevOps wikipedia page

qa disclaimer

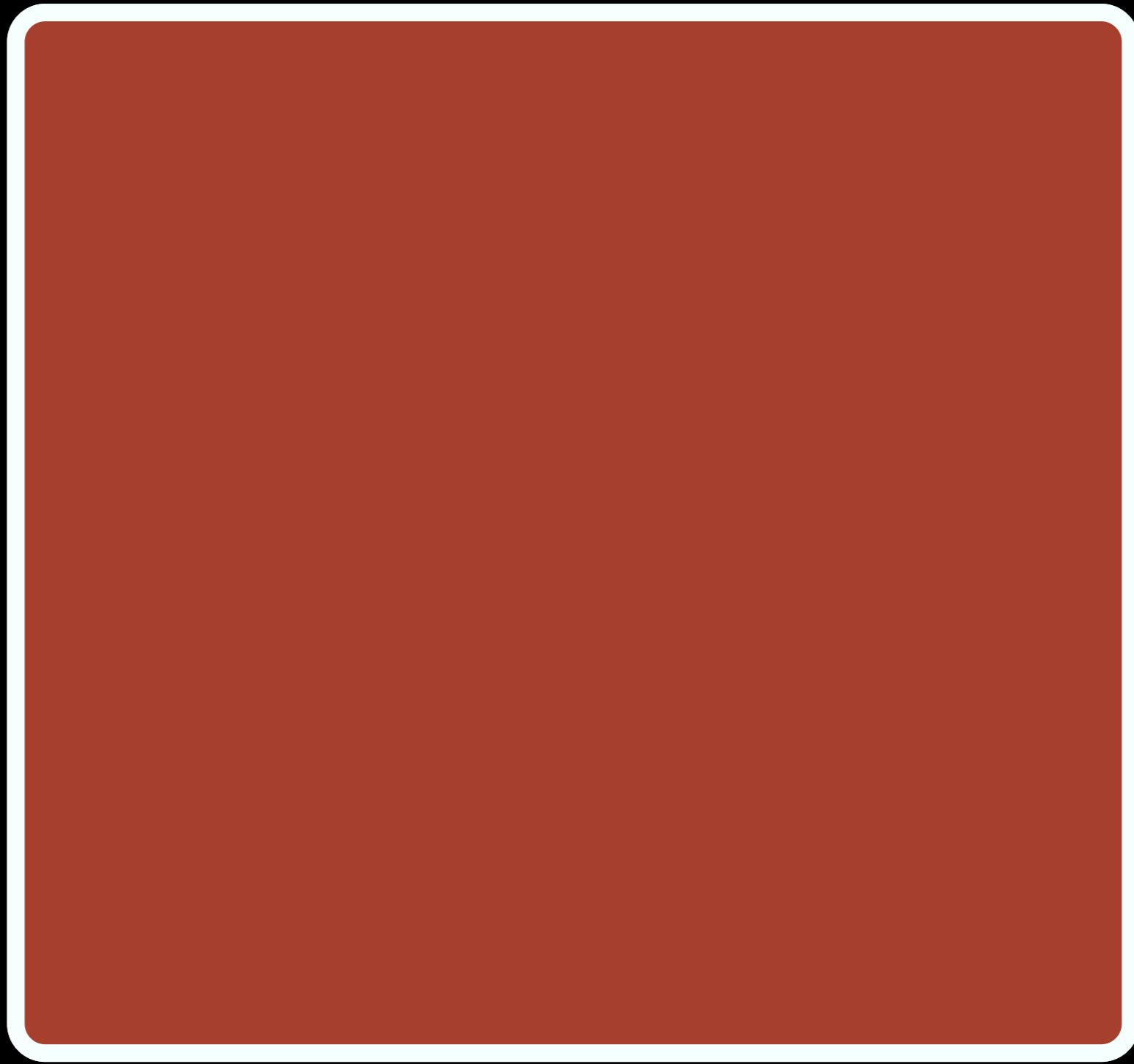
- * I haven't worked in a business where QA has been a separate department for a lot of years
- * (it's always been an integral part of dev't)
- * Therefore I won't talk much about qa here

ops on the other hand

outsourced

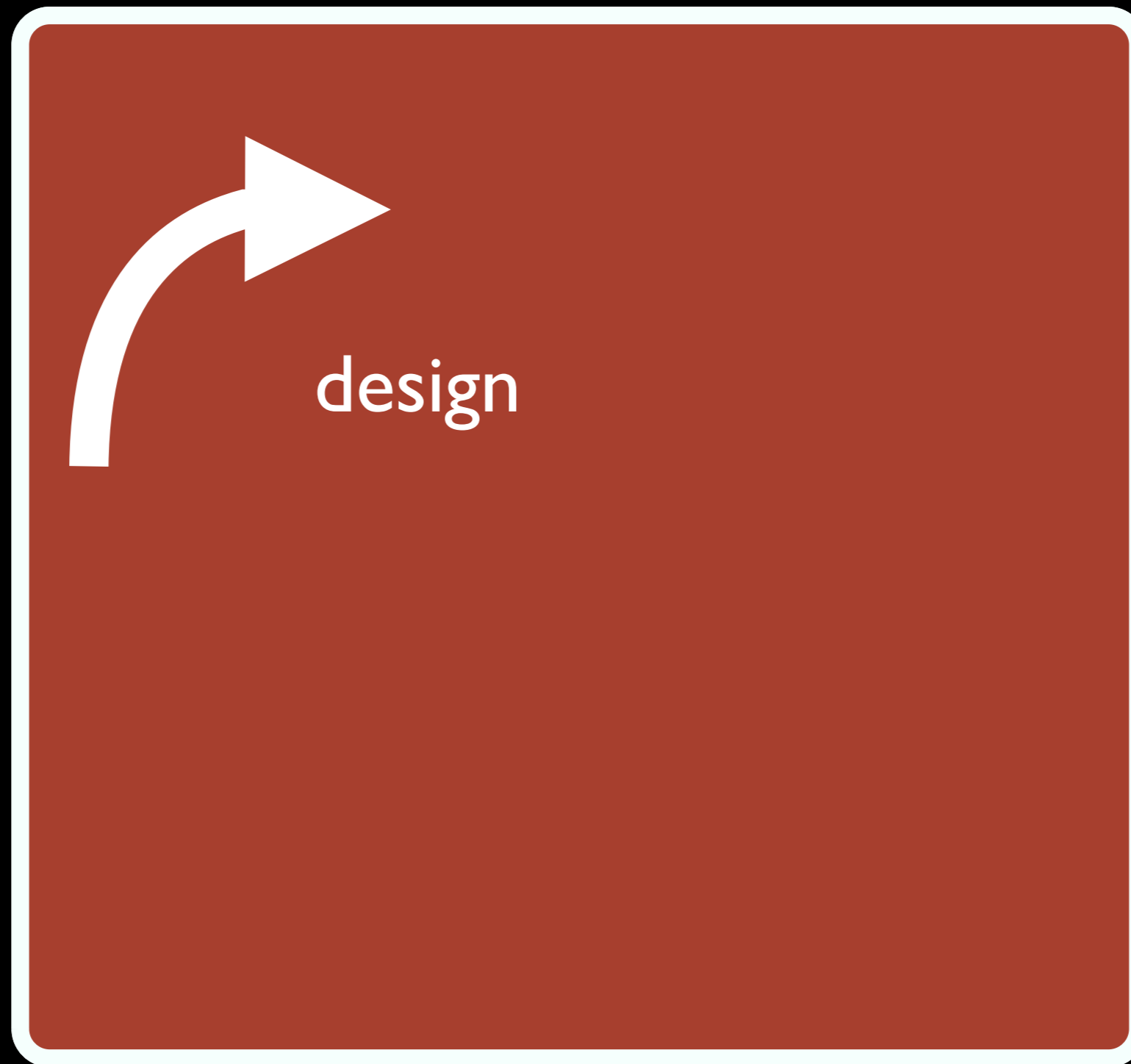
(un)managed hosting

separate division(s)



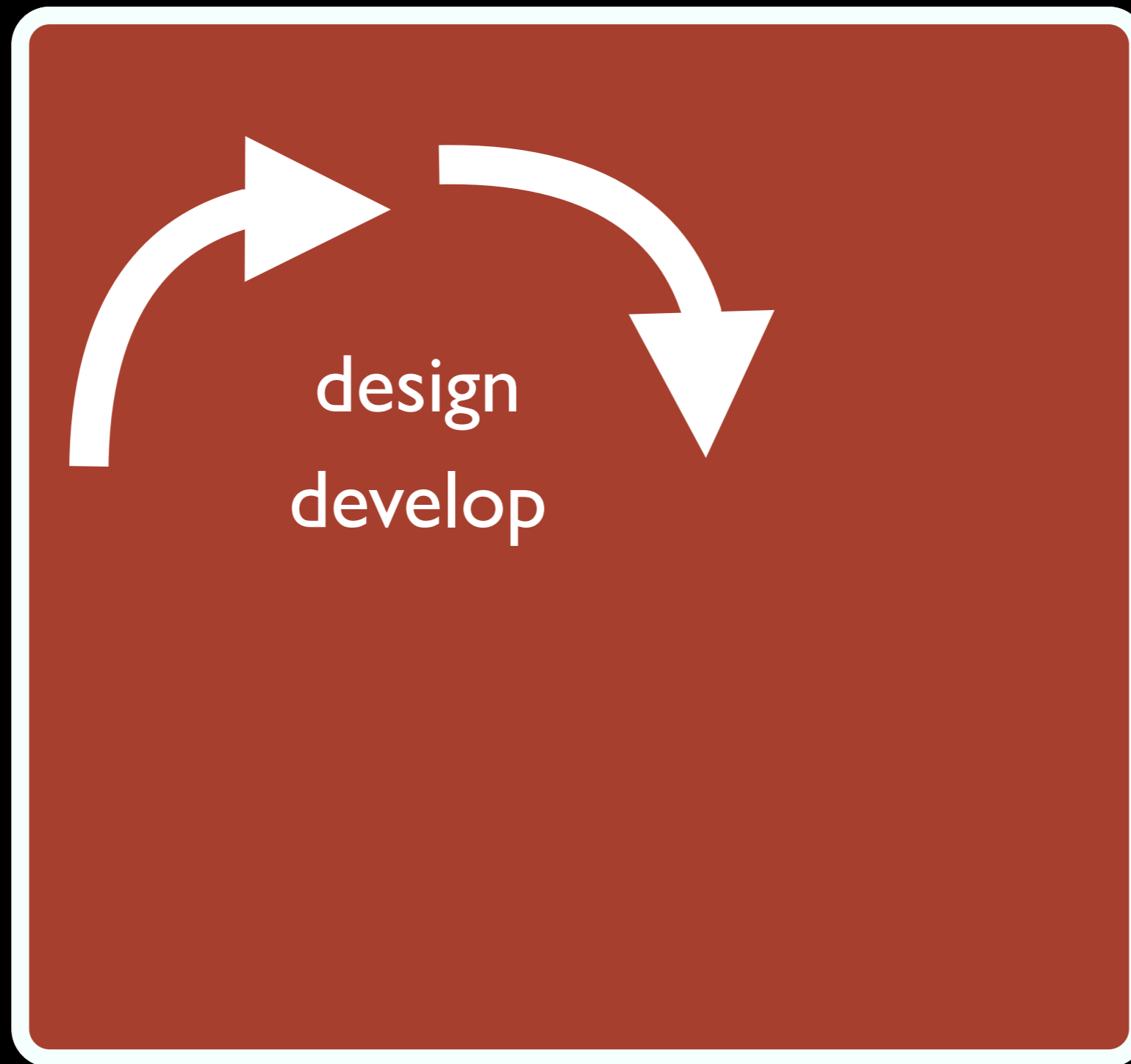
development

* a too common view on ops from dev't



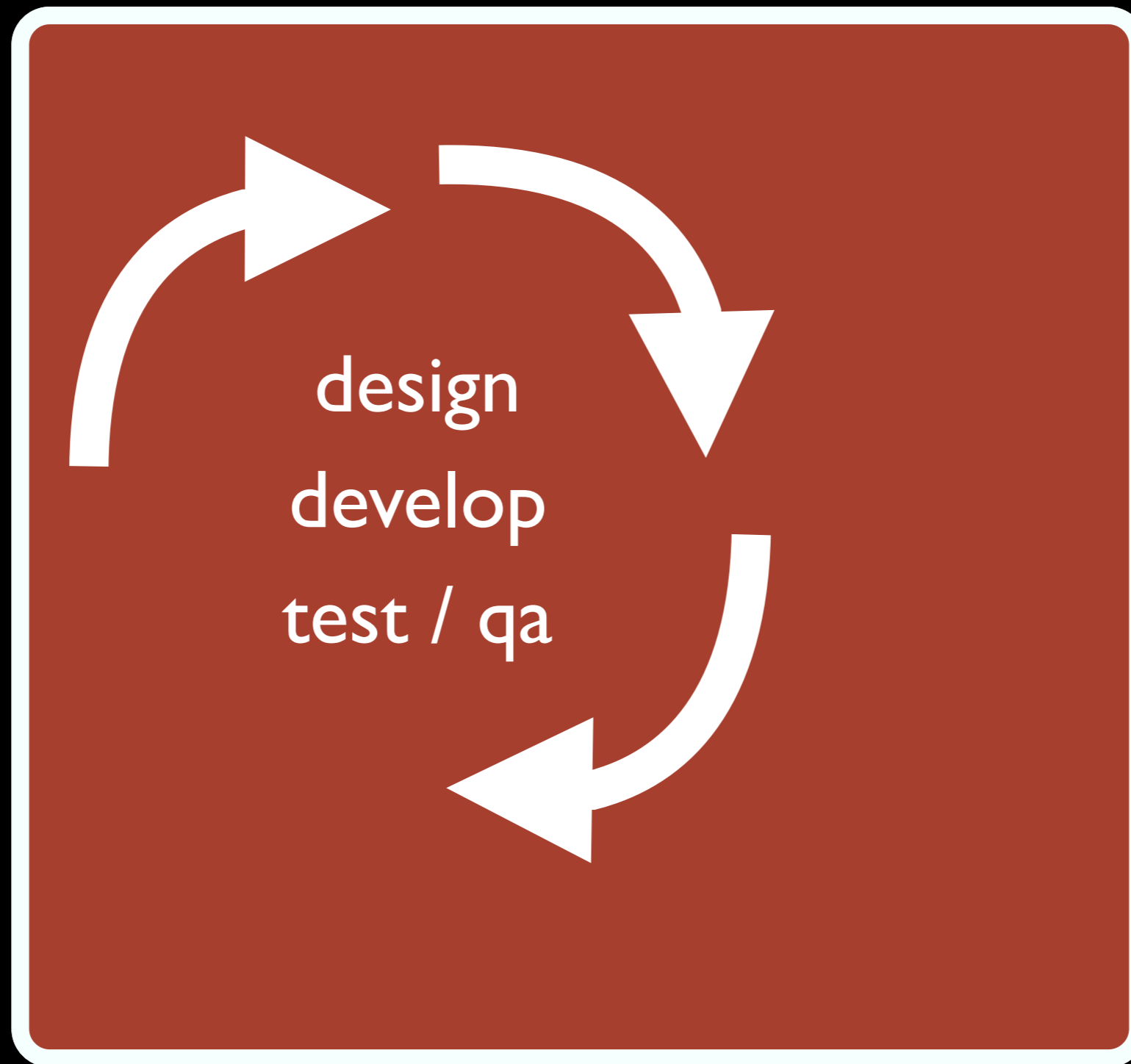
development

* a too common view on ops from dev't



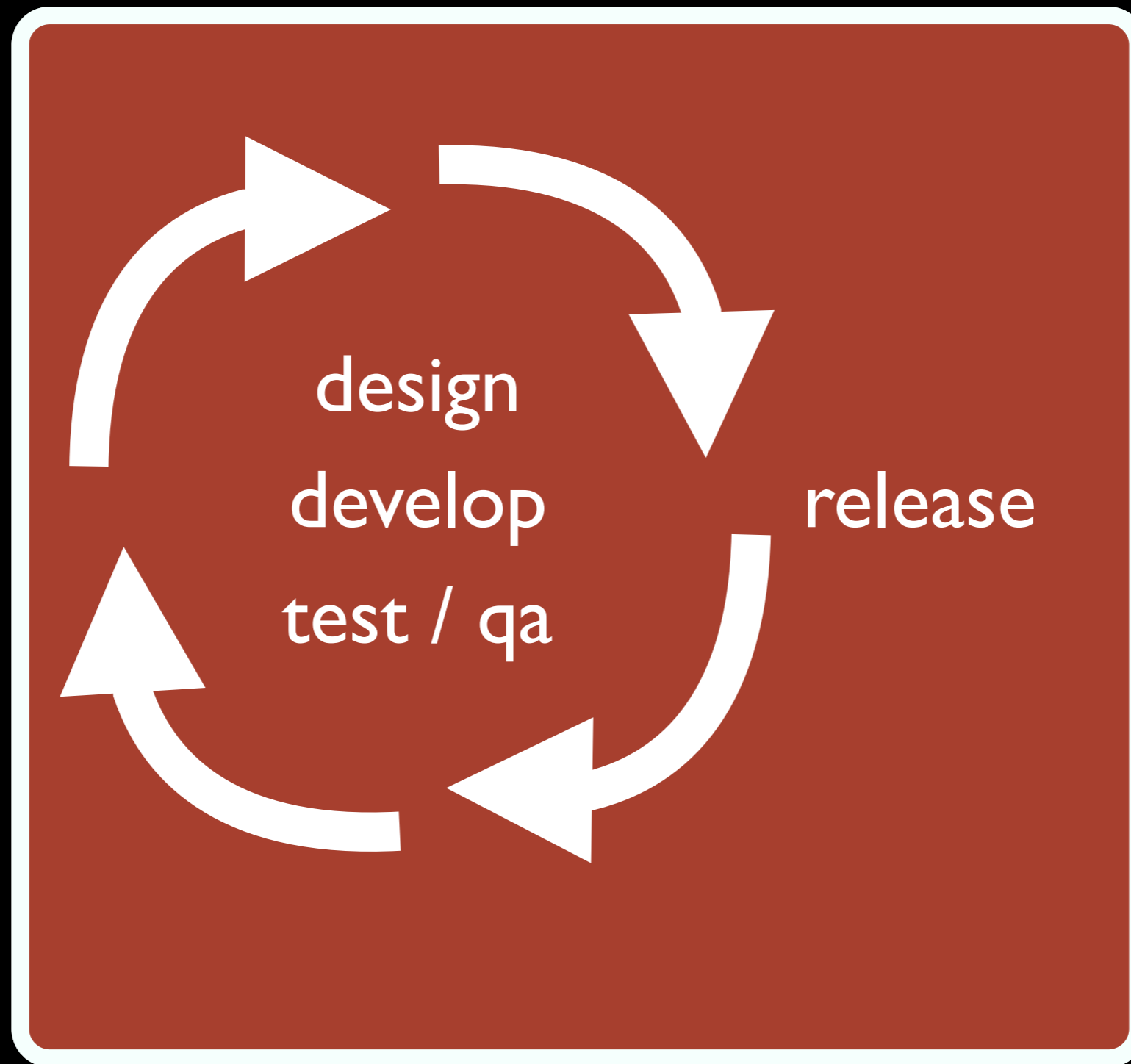
development

* a too common view on ops from dev't



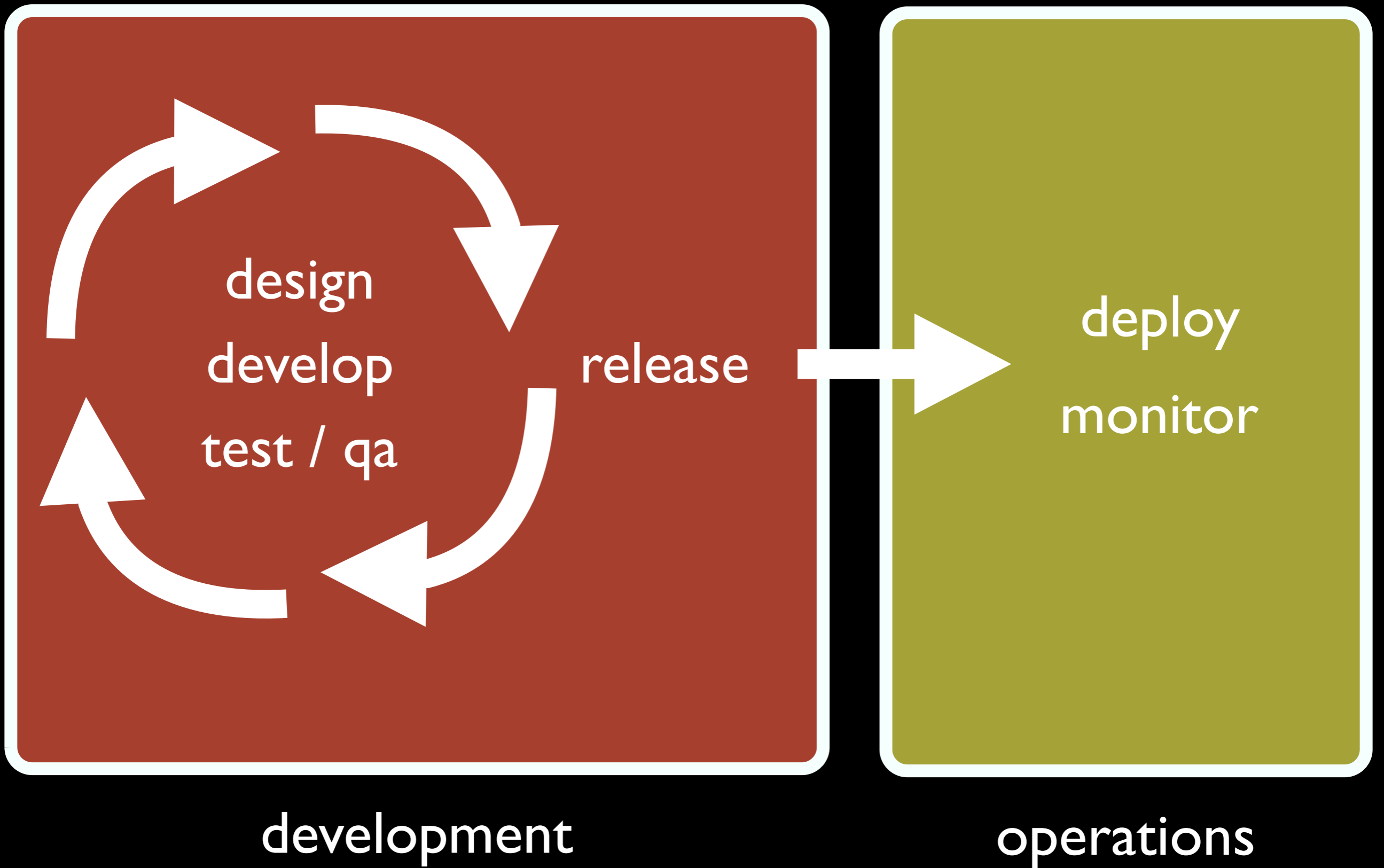
development

* a too common view on ops from dev't

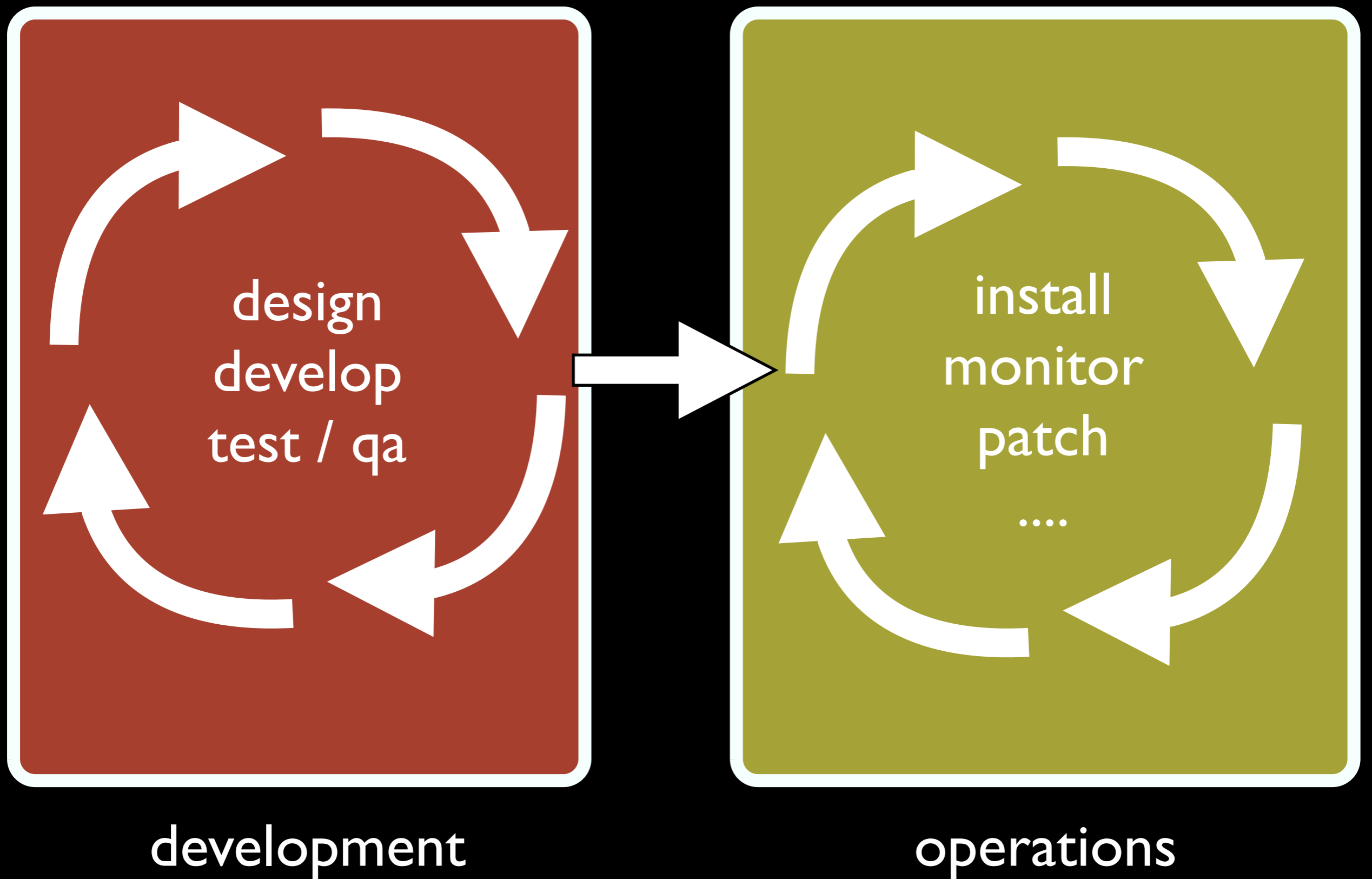


development

* a too common view on ops from dev't



* a too common view on ops from dev't



development

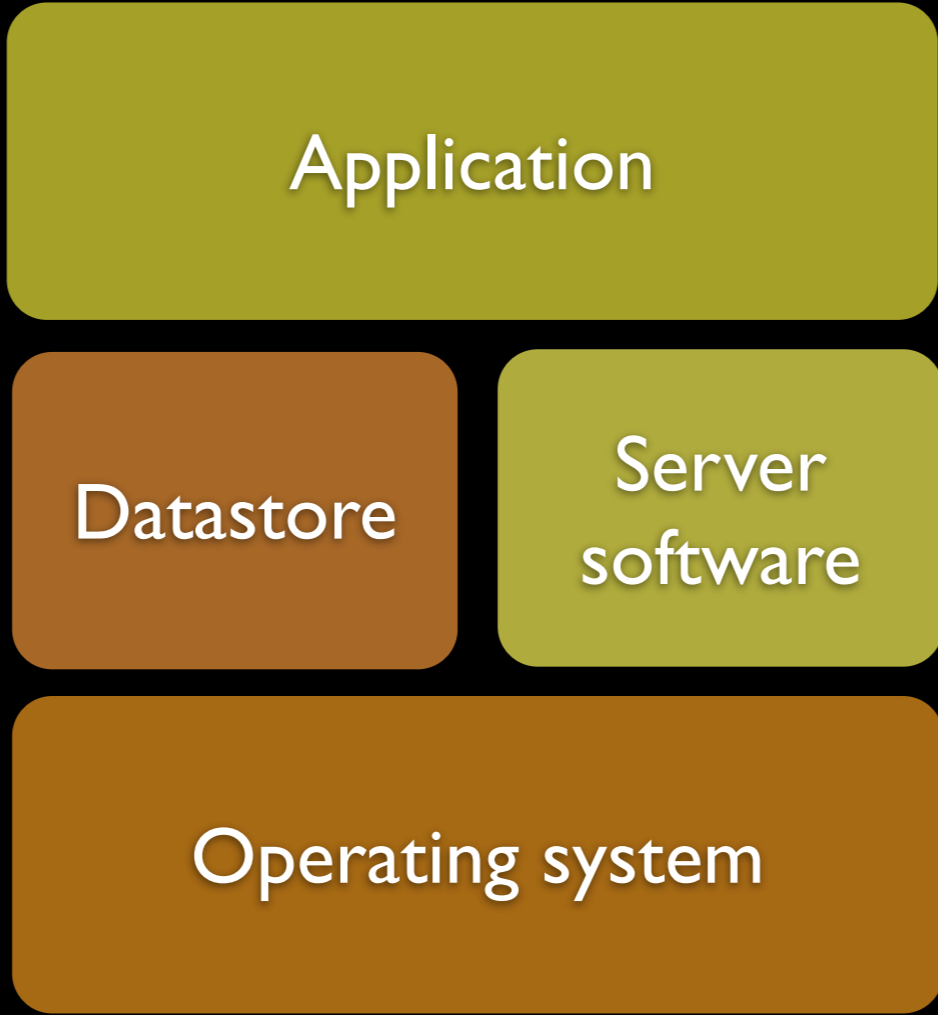
operations

- * a more realistic view
- * two disciplines with their own lifecycle
- * but as silos, really?
- * epiphany?

**are we building two
separate beasts...**

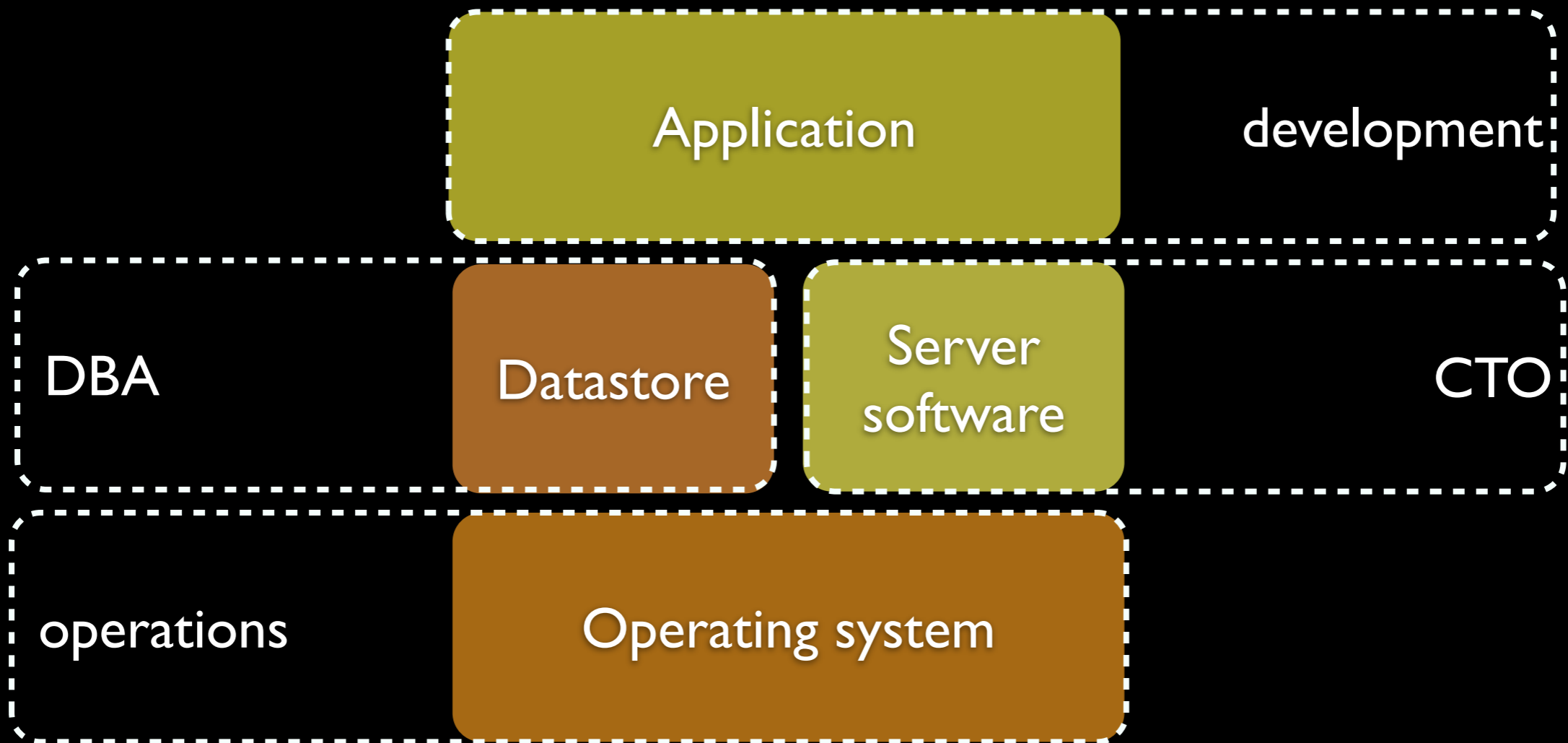
...or one solution?

- * full stack ownership (awareness)
- * cross-functional team



* full stack ownership (awareness)

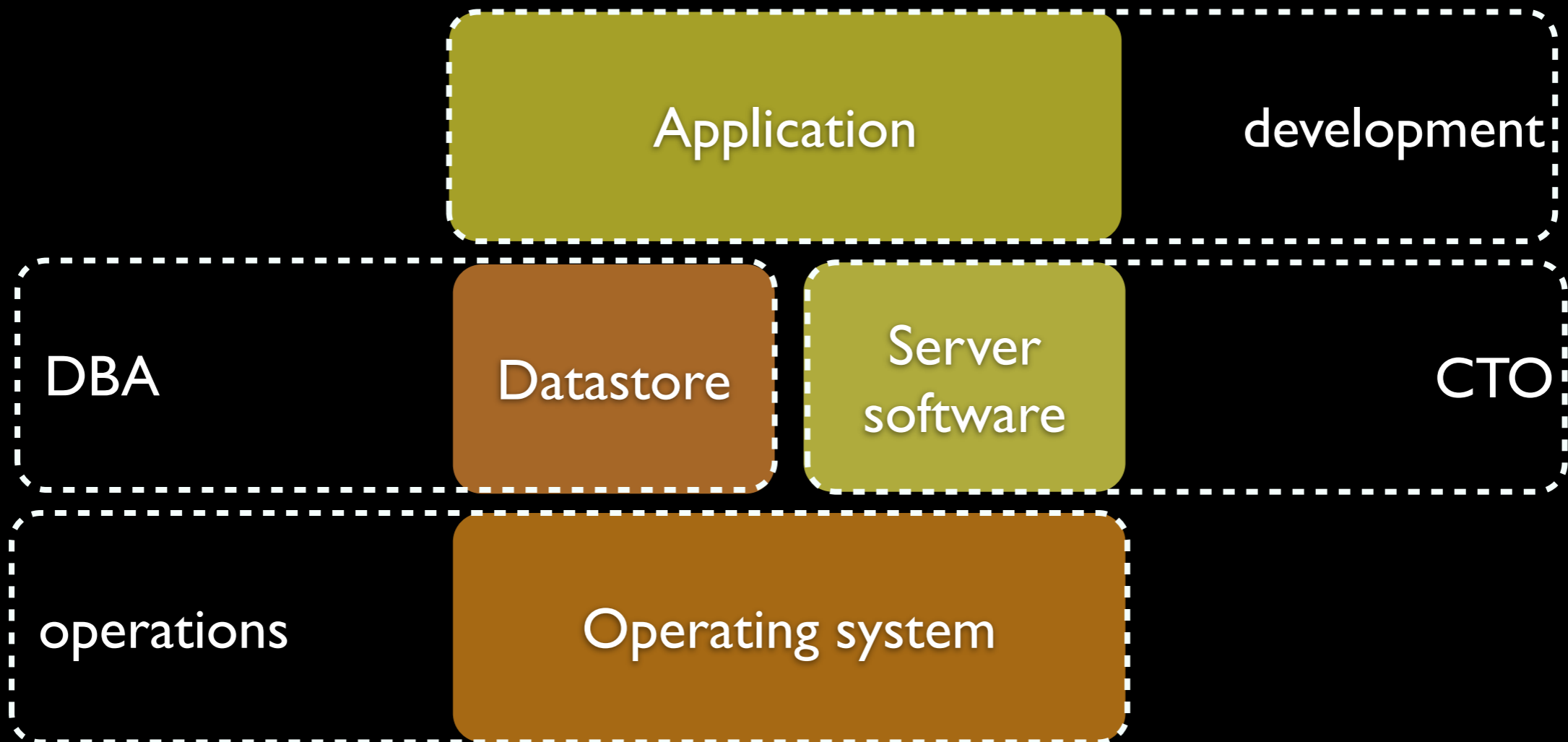
* cross-functional team



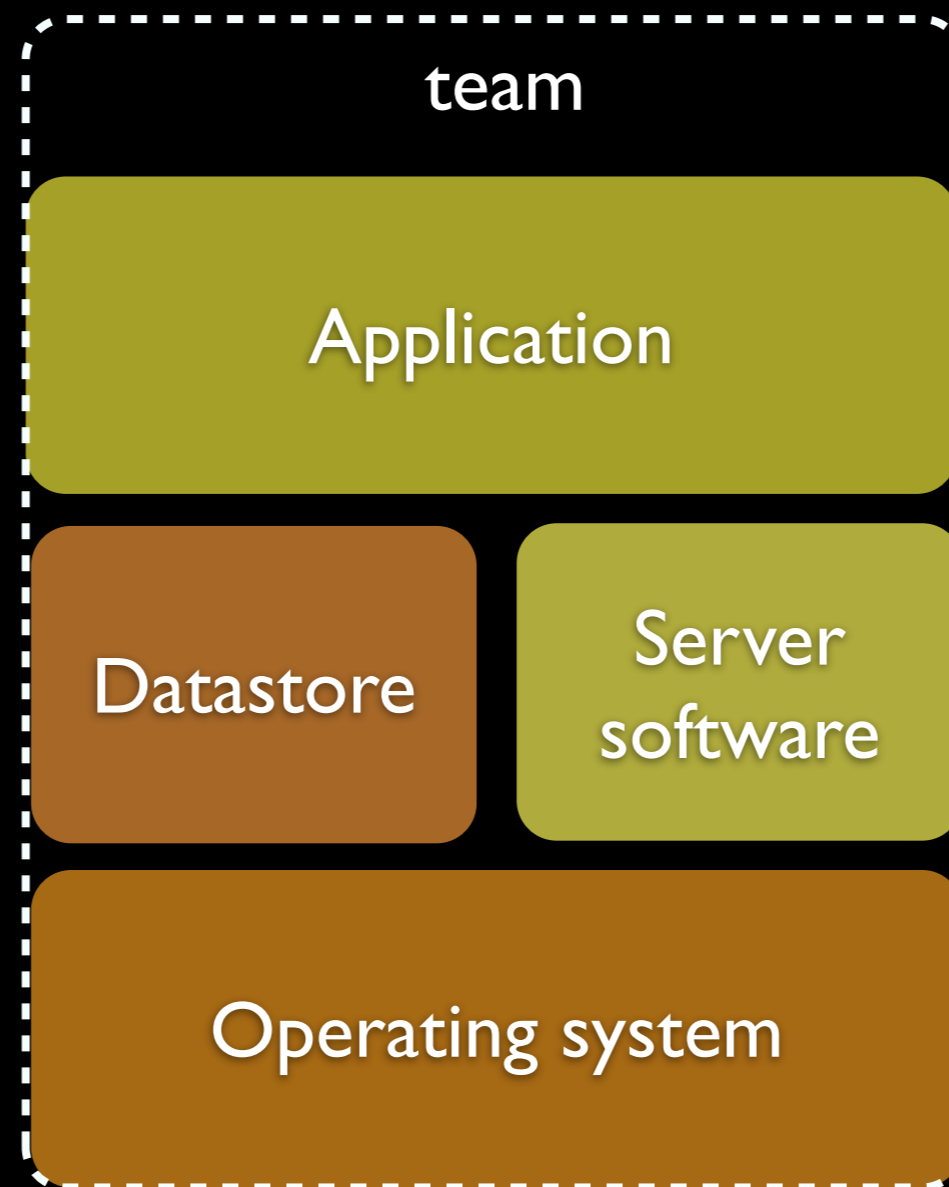
* full stack ownership (awareness)

* cross-functional team

dysfunctional segregation?



- * full stack ownership (awareness)
- * cross-functional team



cross-functional team?

- * full stack ownership (awareness)
- * cross-functional team

“where the team ‘tries
to go the distance as a
unit, passing the ball
back and forth”

Hiroataka Takeuchi, Ikujiro Nonaka
New New Product Development Game, '86

- * full stack ownership (awareness)
- * cross-functional team

development

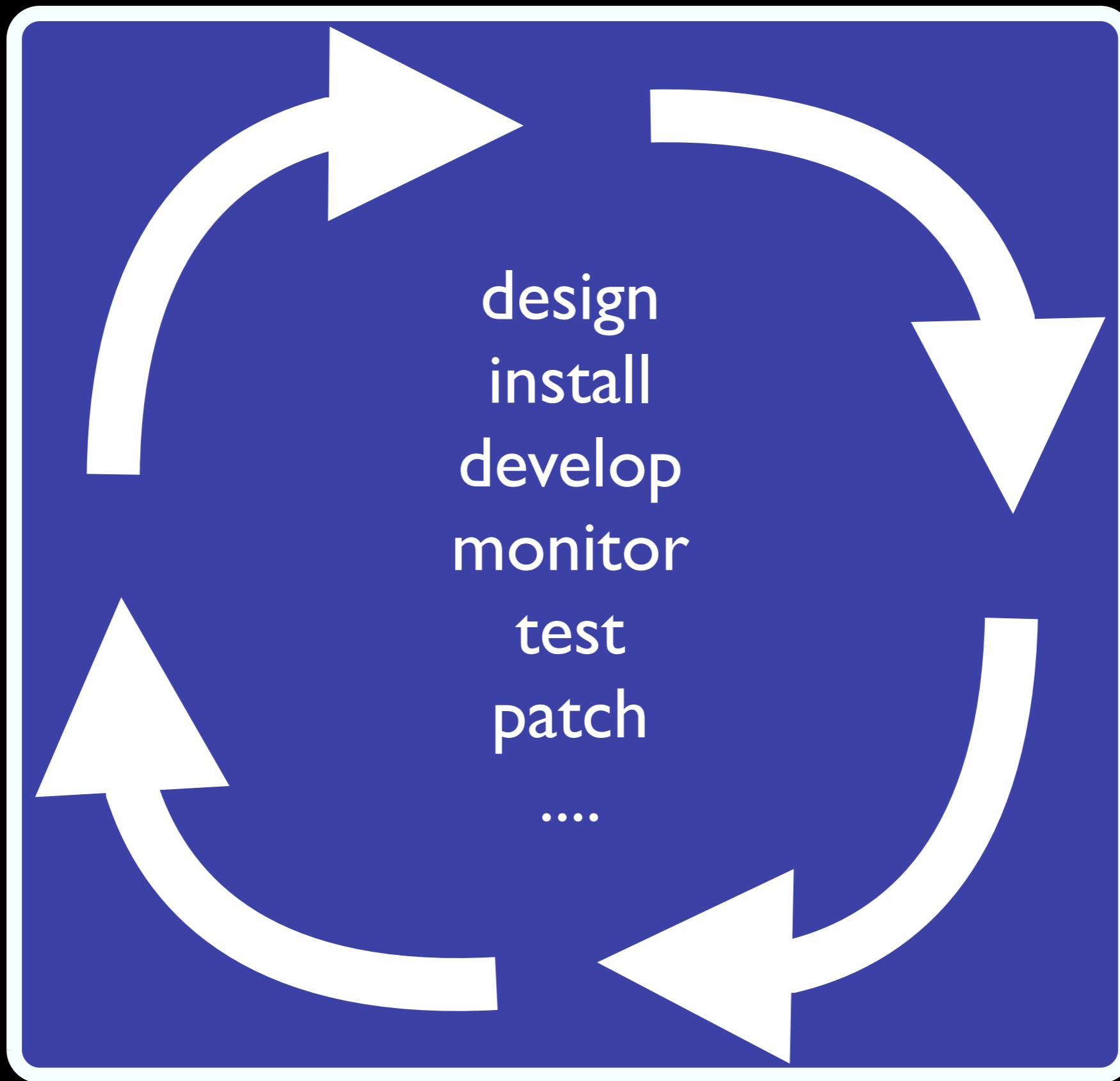
affects

ops

ops

affects

development



development + operations

awareness

we must be aware of the other teams and disciplines around us in order to...

patience

...have patience for us and for them to...

insight

- * ...gain insight into our respective discipline, skill sets and challenges...
- * see each others work
- * be close (whatever that means)

understanding

...so that we can come to a better understanding about all parts of the equation

DevOps

Development & Operations

Development & **Operations**

how do we* monitor

***) development & operations**

how can we* monitor

***) development & operations**

how do we* log

***) development & operations**

how can we* log

***) development & operations**

how do we* deploy

***) development & operations**

how can we* deploy

***) development & operations**

how will we* diagnose

***) development & operations**

development;
learn about operations

dev

,

learn

op

s

Development & Operations

Development & Operations

teach dev

VLANs

routing

DNS

patch management

PXE installs

what you do

why you do

ask devs

how should we* architect

***) development & operations**

what **should** we* **expect**

*) **development & operations**

operations;
learn about development

learn

op

dev

s,

shift focus

release...

...when it makes **sense**...

...not to operations

...not to development

...but to business

continuous delivery

continuously deliver

continuously:
release

continuously:
reconfigure

continuously:
change dns

continuously:
provision servers

continuously:

apply security patches

continuously:
applies everywhere

"...[the] sysadmin skill... include more...infrastructure software development...an expansion in the job...from basic systems administration to... infrastructure engineering..."

Jesse Robbins, Opscode
O'Reilly Radar, May 2012

* <http://radar.oreilly.com/2012/05/infrastructure-automation-jesse-robbins.html>

an expansion
from basic
admin to
infrastructure engineering

Jesse Robbins, Opscode
O'Reilly Radar, May 2012

* <http://radar.oreilly.com/2012/05/infrastructure-automation-jesse-robbins.html>

the important

Development & Operations



- * development and operations...
- * ...together on a nyan cat...
- * ...to infinity and beyond

development



operations

- * development and operations...
- * ...together on a nyan cat...
- * ...to infinity and beyond

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* kthxbai