

**ThoughtWorks®**

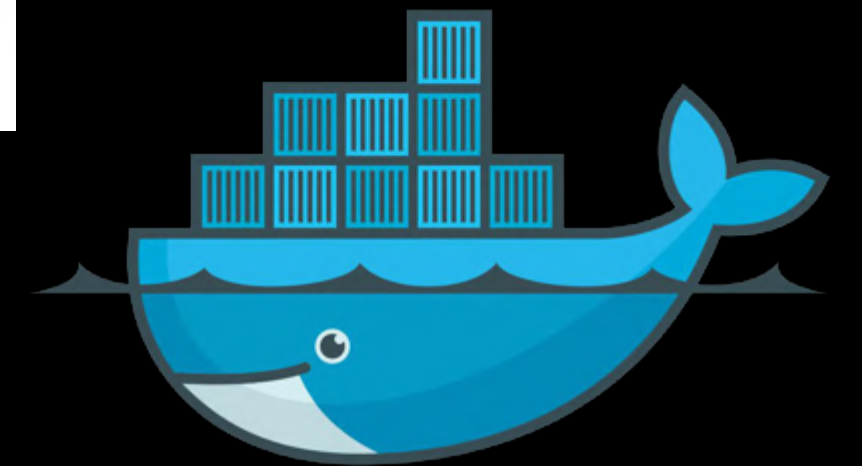
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**FIREFIGHTER**

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ThoughtWorks®

A



ThoughtWorks®

docker



BASH  
THE BOURNE-AGAIN SHELL











**WHAT DOES IT ALL MEAN**

**I SO CONFUSE**



Emerging  
Intelligence



**IT'S OKAY I GUESS**



**NO.**

**IT'S NOT OKAY.**



*Sia entinala*



**GOOGLE SYMPTOMS**



**NOT DYING!**



Start Small

Go a bit Bigger

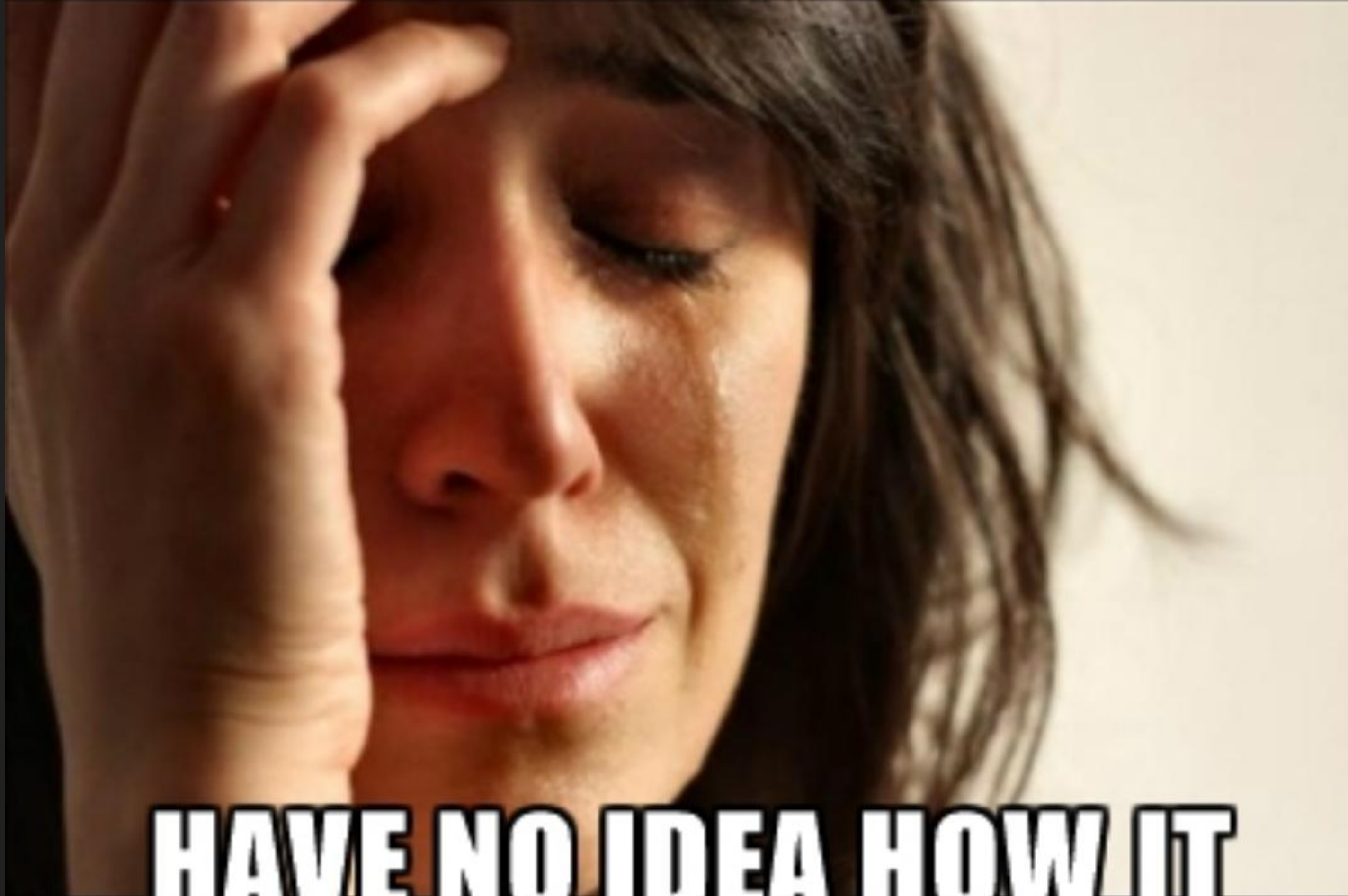
And Bigger

~~And Bigger~~

Bigger



**BOUGHT EXPENSIVE  
SOFTWARE**



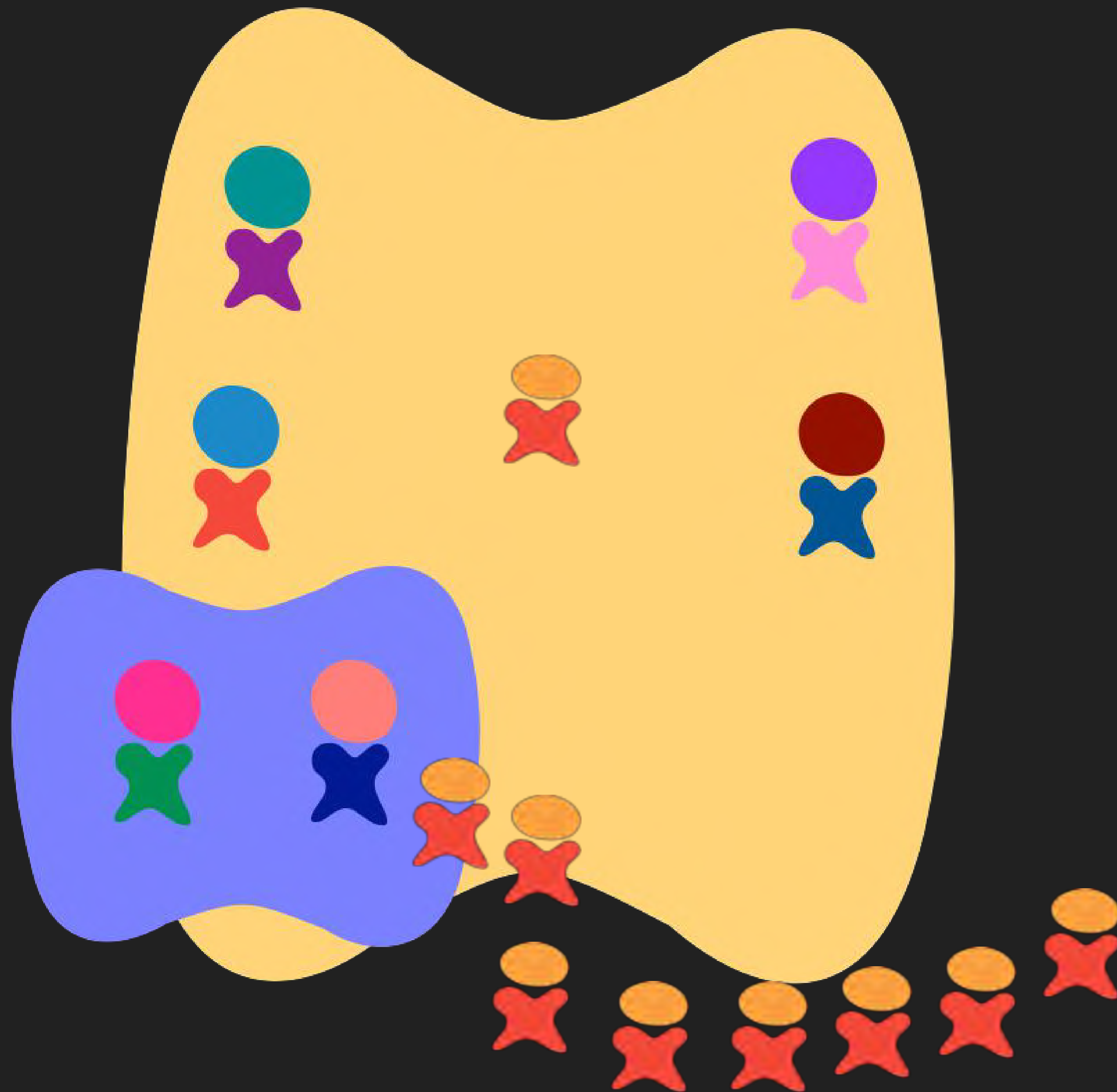
**HAVE NO IDEA HOW IT  
WORKS**





# SEATING ARRANGEMENT









**COLLABORATION CHANNEL**



**PREPARE YOURSELF**

**PULL REQUEST TASKS  
ARE COMING**

**COLLABORATION CHANNEL**



buy little more  
investment



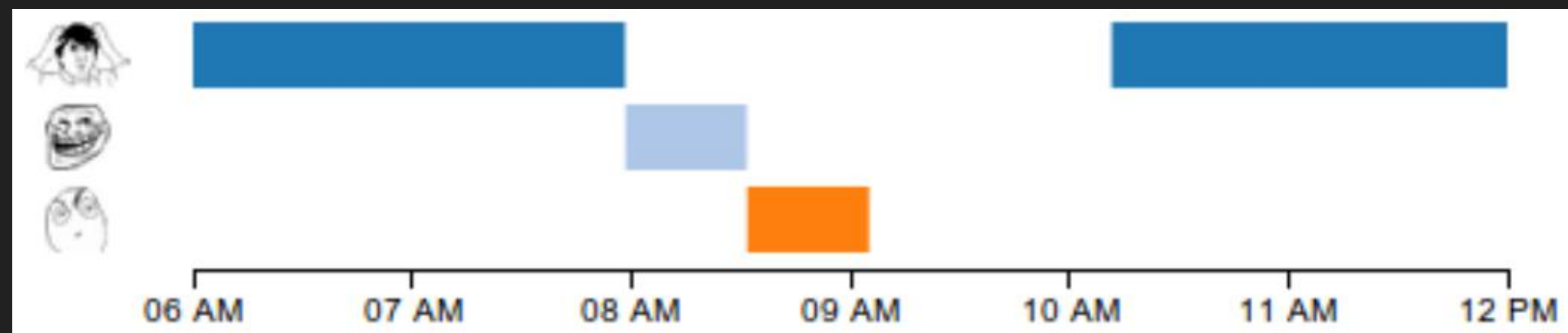
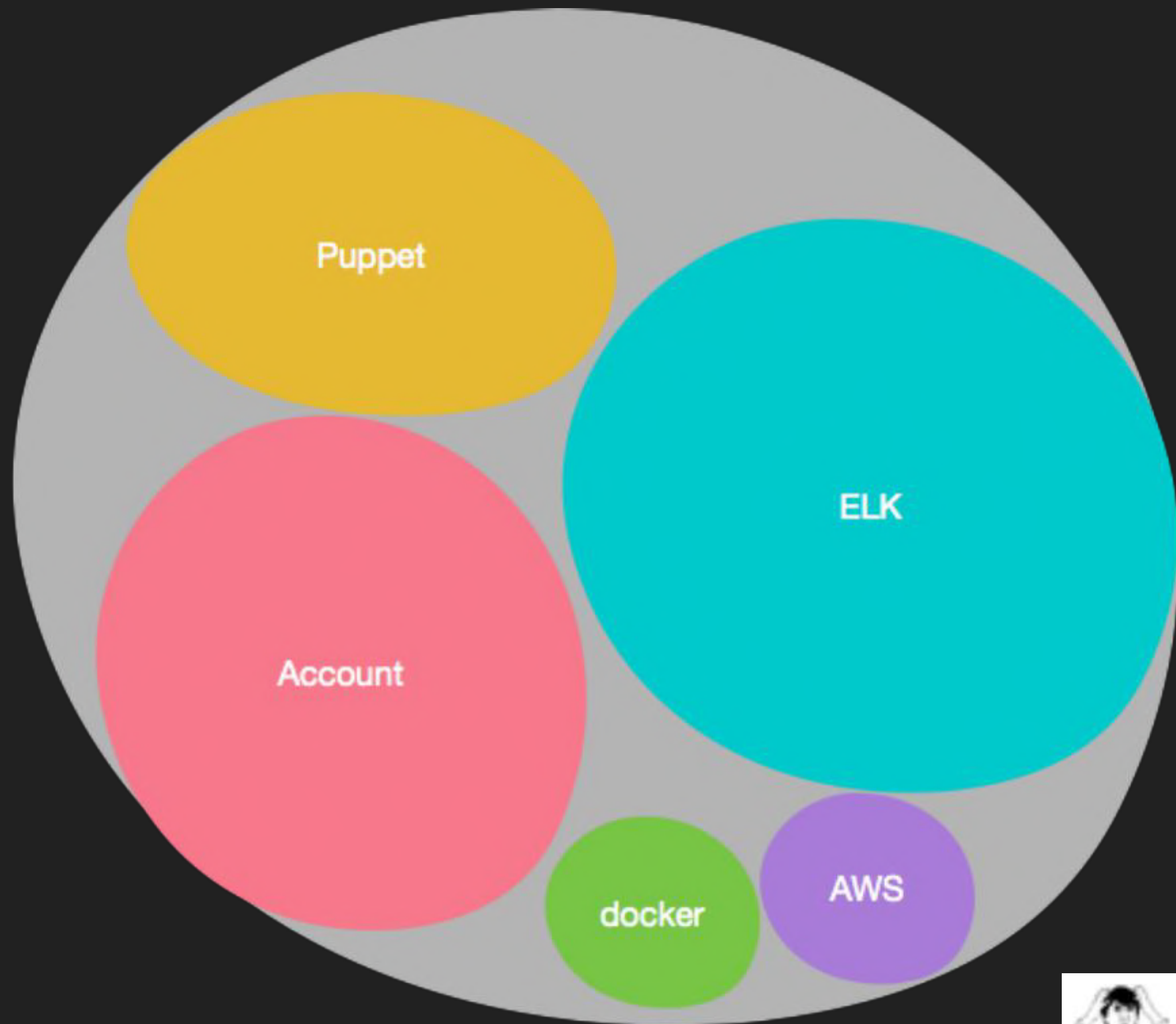
**MEANWHILE...**

**ON JIRA**

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memegenerator.net

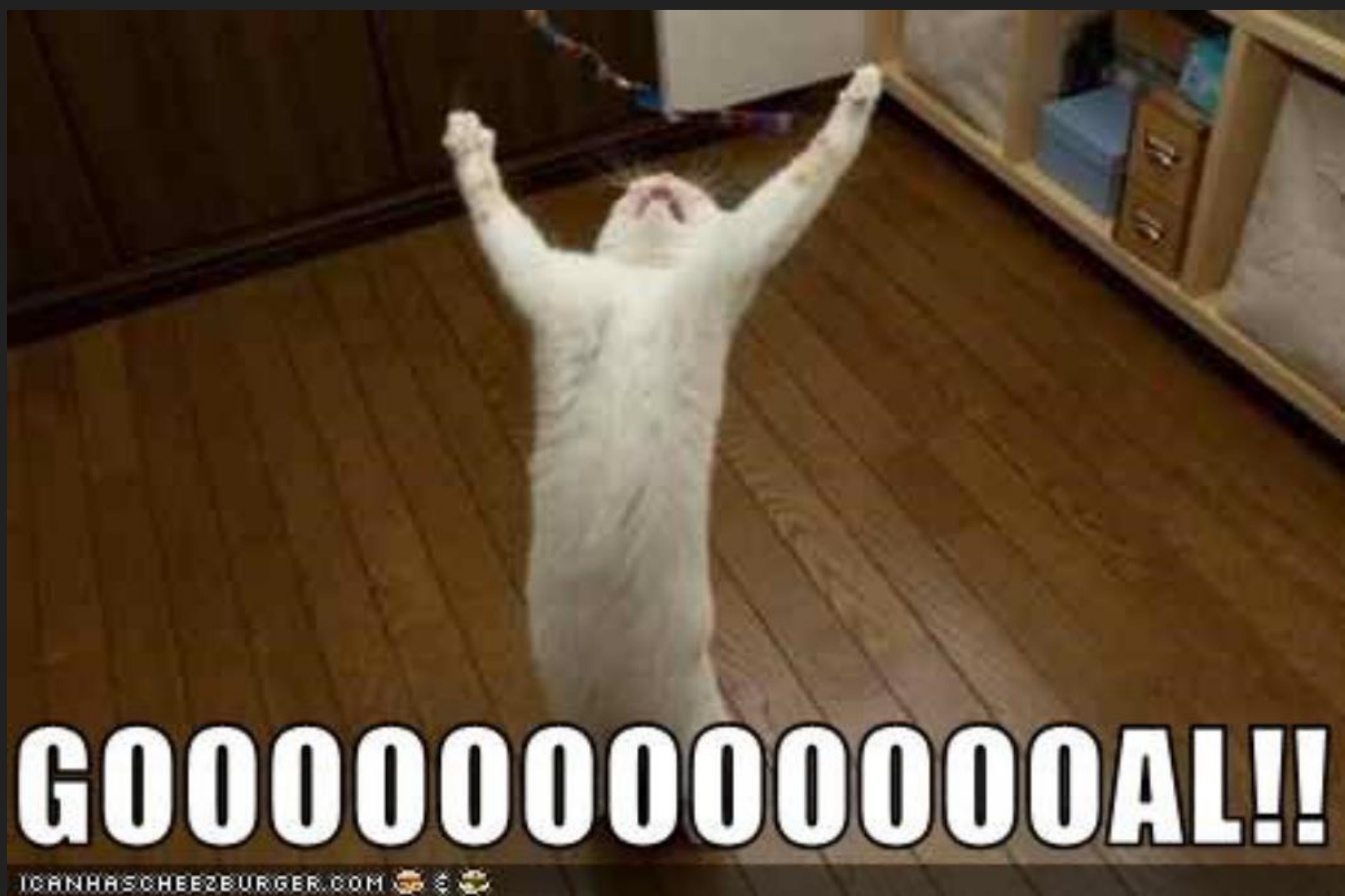






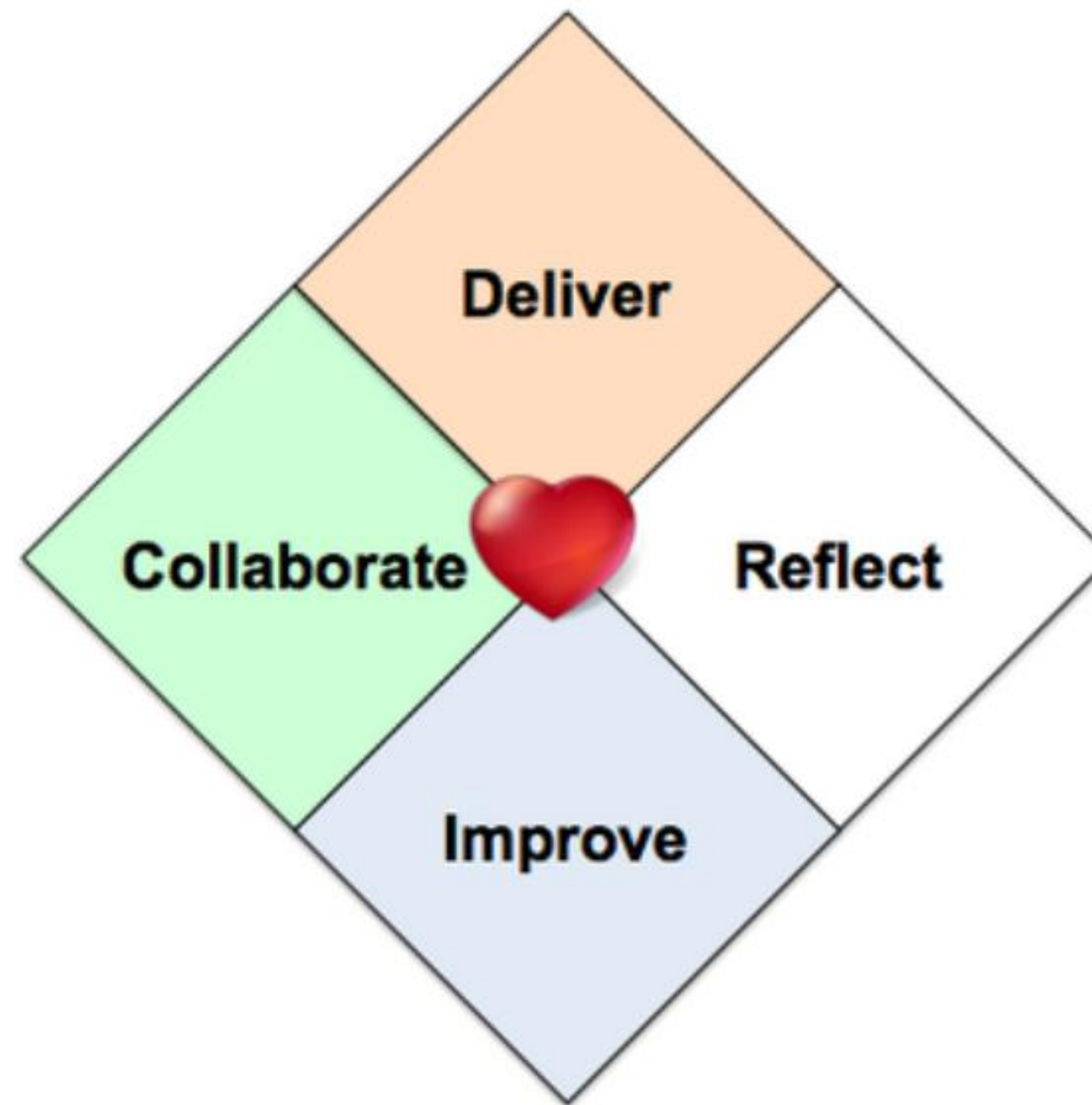






Reduce the number  
of ~~unpaid~~ ~~employees~~ ~~united~~ ~~to~~  
~~set~~ ~~up~~ ~~and~~ ~~do~~ ~~it~~ ~~for~~  
new ~~employee~~





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blueprints innovate  
MAKE A DECISION  
Retiree



**POWER WENT OUT IN  
THE WAREHOUSE**



**DATA'S ALREADY HOSTED  
ON THE CLOUD**

# THE TWELVE FACTORS

## **I. Codebase**

One codebase tracked in revision control, many deploys

## **II. Dependencies**

Explicitly declare and isolate dependencies

## **III. Config**

Store config in the environment

## **IV. Backing services**

Treat backing services as attached resources

## **V. Build, release, run**

Strictly separate build and run stages

## **VI. Processes**

Execute the app as one or more stateless processes

## **VII. Port binding**

Export services via port binding

## **VIII. Concurrency**

Scale out via the process model

## **IX. Disposability**

Maximize robustness with fast startup and graceful shutdown

## **X. Dev/prod parity**

Keep development, staging, and production as similar as possible

## **XI. Logs**

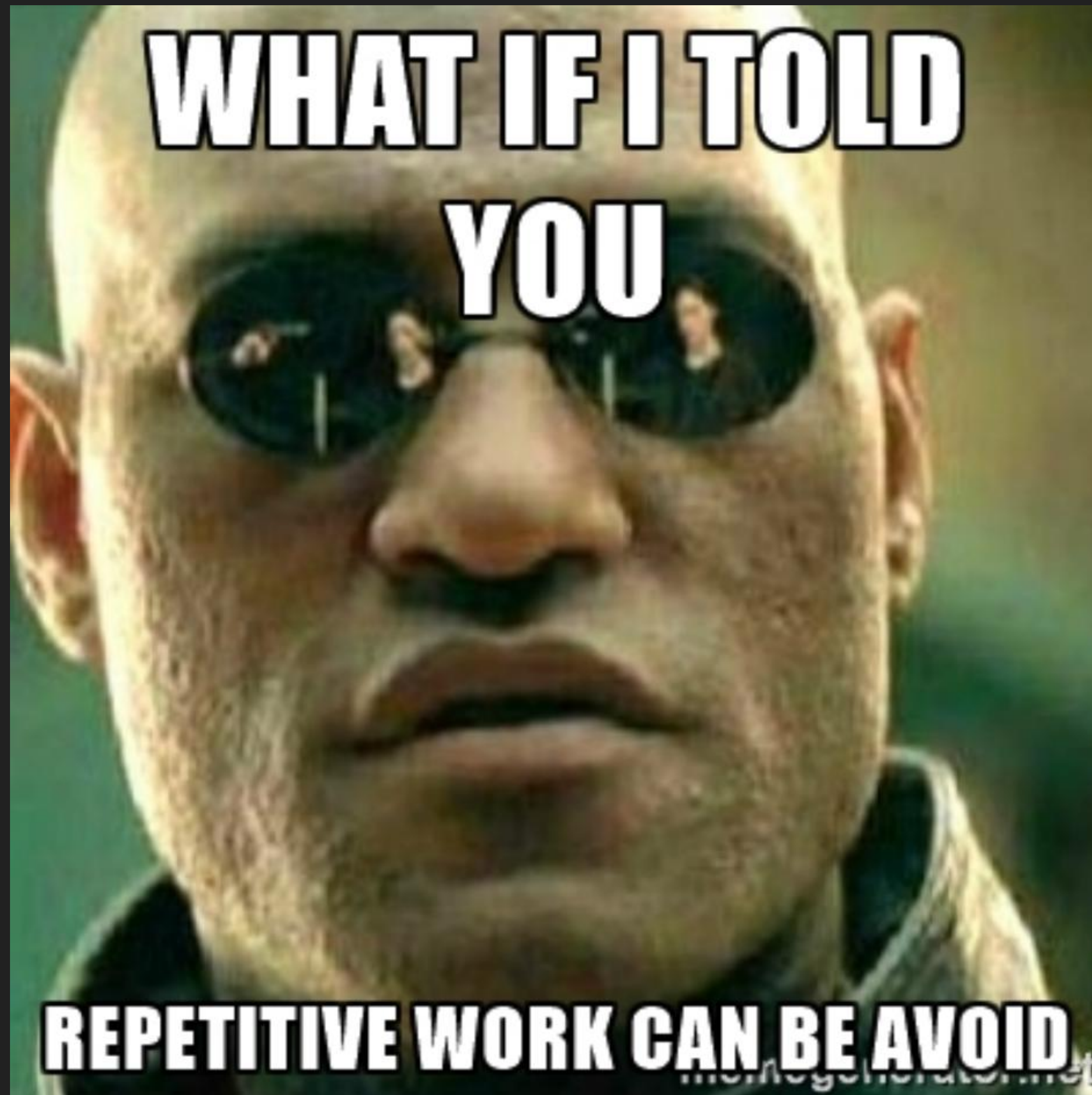
Treat logs as event streams

## **XII. Admin processes**

Run admin/management tasks as one-off processes



embrace the  
newly explained  
cloud  
fault-tolerant  
architecture





Ybouvraitteitt





**45 CHECKOUT LINES**

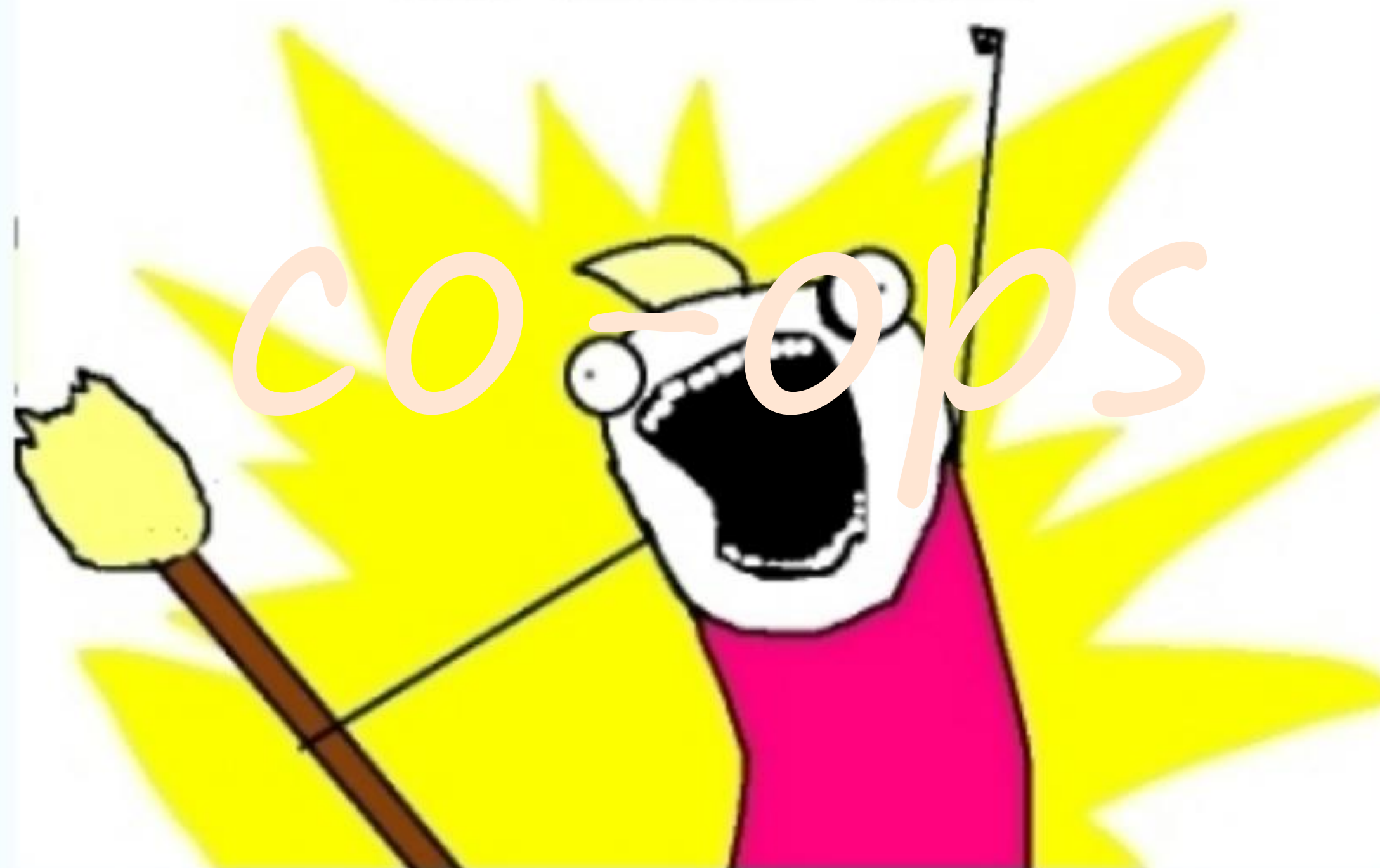


**ONLY 4 OPEN**

WeKnowMemes



**OMG**



**SO MANY TICKETS**

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selfsterwe  
draden

will not be able  
to get a good  
control of all  
counterproductive  
work



**THANK YOU**



**FOR LISTENING**

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