

All The World's A Staging Server

Heidi Waterhouse

All The World's A Staging Server

The Post-Agile World

Four Elements of Software

- Development style (Definition of done)
- Source control
- Testing
- Deployment



Tinkertoys and Microservices

Testing



- Full testing is impossible
- Decouple
- Test behavior and endpoints

Every Scar a Story

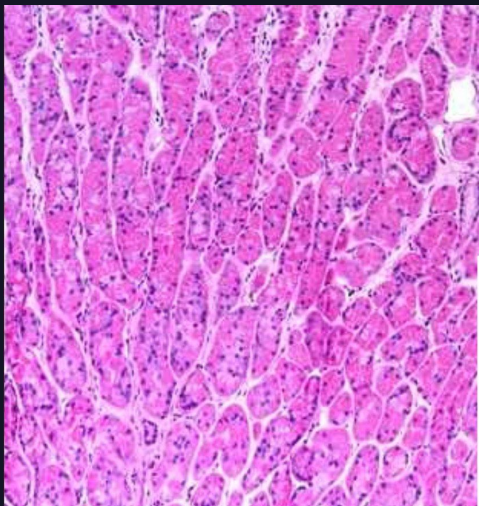
Source Control



- Agile development works poorly for microservices
- Branches are a habit, not a mandate
- Question your assumptions

All the World's a Staging Server

Deployment



- Kill staging
- Test in production
- Launch darkly
- Go faster, be safer

Everything Is A Little Bit Broken

Development



- Effort cannot be eliminated, only moved
- Development is not perfect
- Anticipate failure, celebrate success

**Deployment is
NOT
Release**

**We are all
testing in
production.**

**Some of us
do it on
purpose.**

Sad Stories of the Death of Kings

Staging is a Lie



@wiredferret

From Rumour's tongues

They bring smooth comforts false, worse than true wrongs.



Its a uncommon issue that i face while getting the product category in product detail page.

My code is working fine in **staging** and not working in **live**.

0



I used below code to get the **current category**.



```
if (Mage::registry('current_category'))
{
    // Category Name
    $current_category = Mage::registry('current_category')->getName();
    // Category ID
    $category_id = Mage::registry('current_category')->getId();
    // Category Url
    $url = Mage::getModel("catalog/category")->load($category_id)->getUrl();
}
```

This code is working fine in staging not in live.

Green is Expensive



[Enterprise](#)[Log In](#)

Start coding on powerful servers

Coder is an open source remote development environment serving Visual Studio Code. Accelerate your workflow and surpass the capabilities of your local development machine.

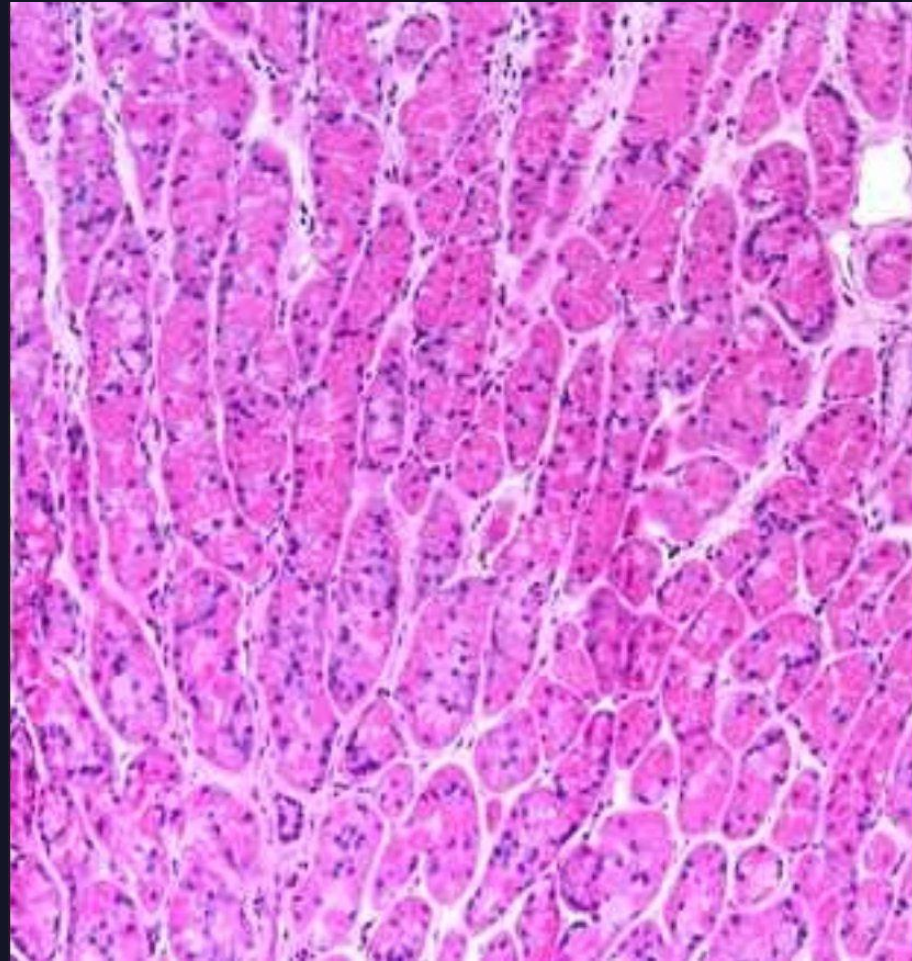
[HOST YOURSELF](#)

Run Coder in Docker

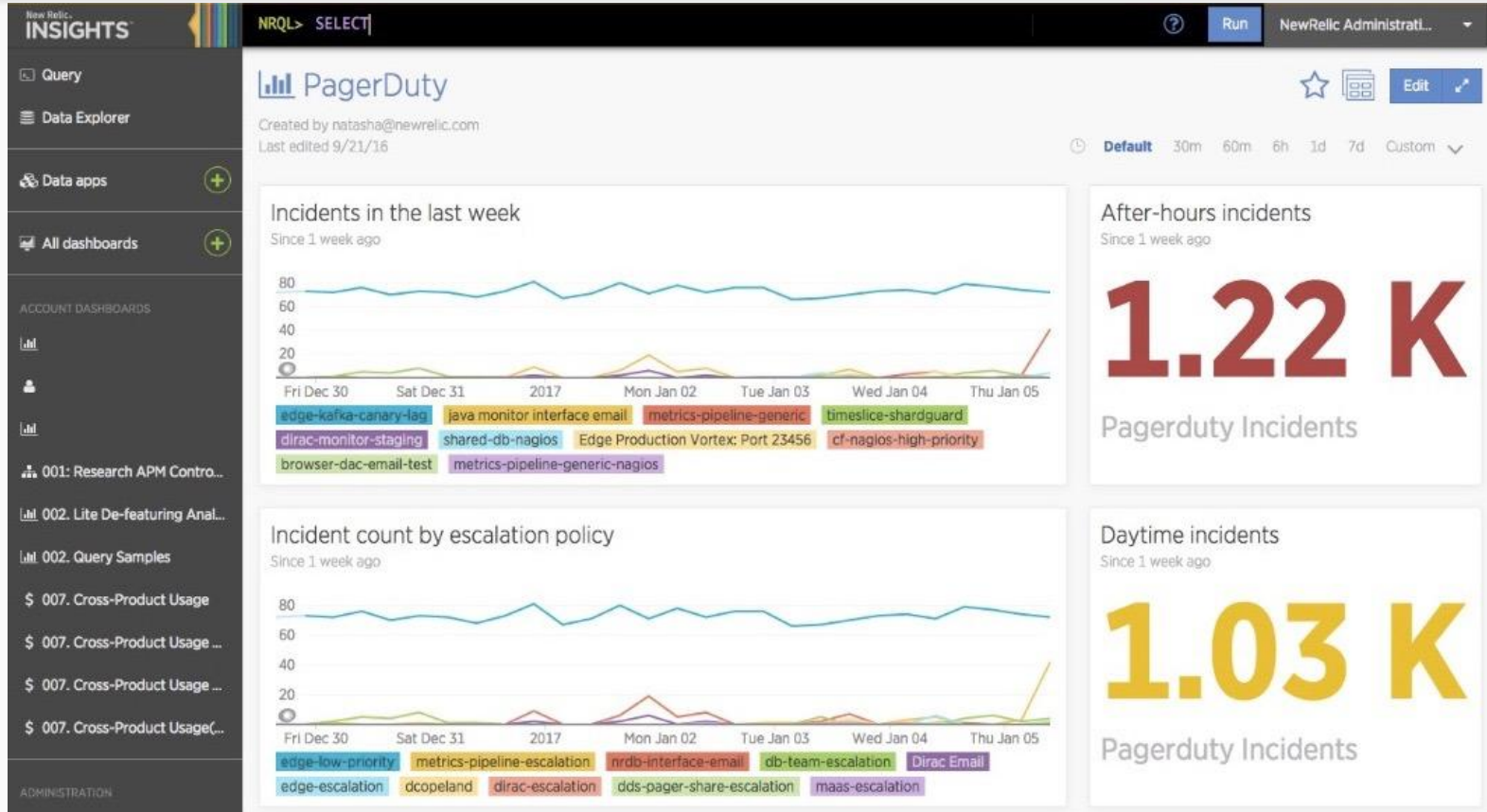
```
docker run -it -p 127.0.0.1:8443:8443 -v "${PWD}
```



Production is Unknowable

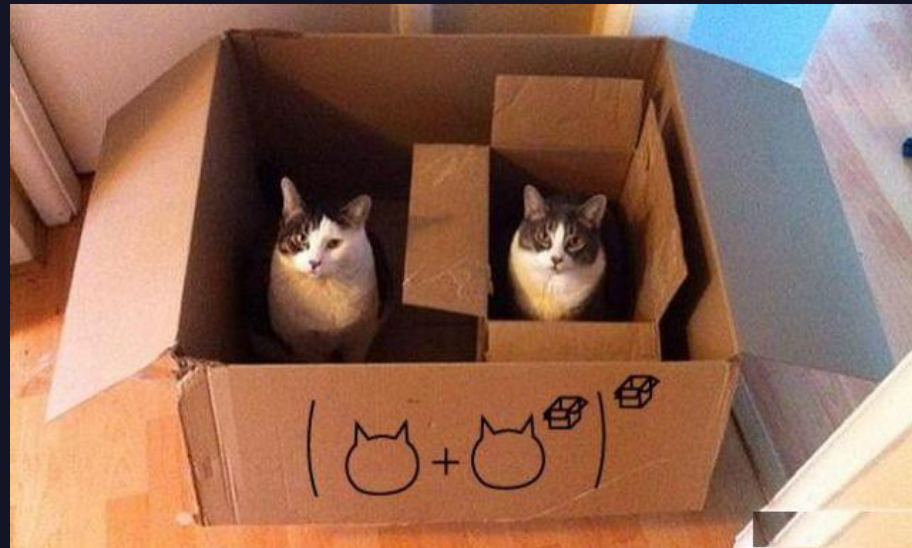


That undiscovered country from whose bourne no traveller returns

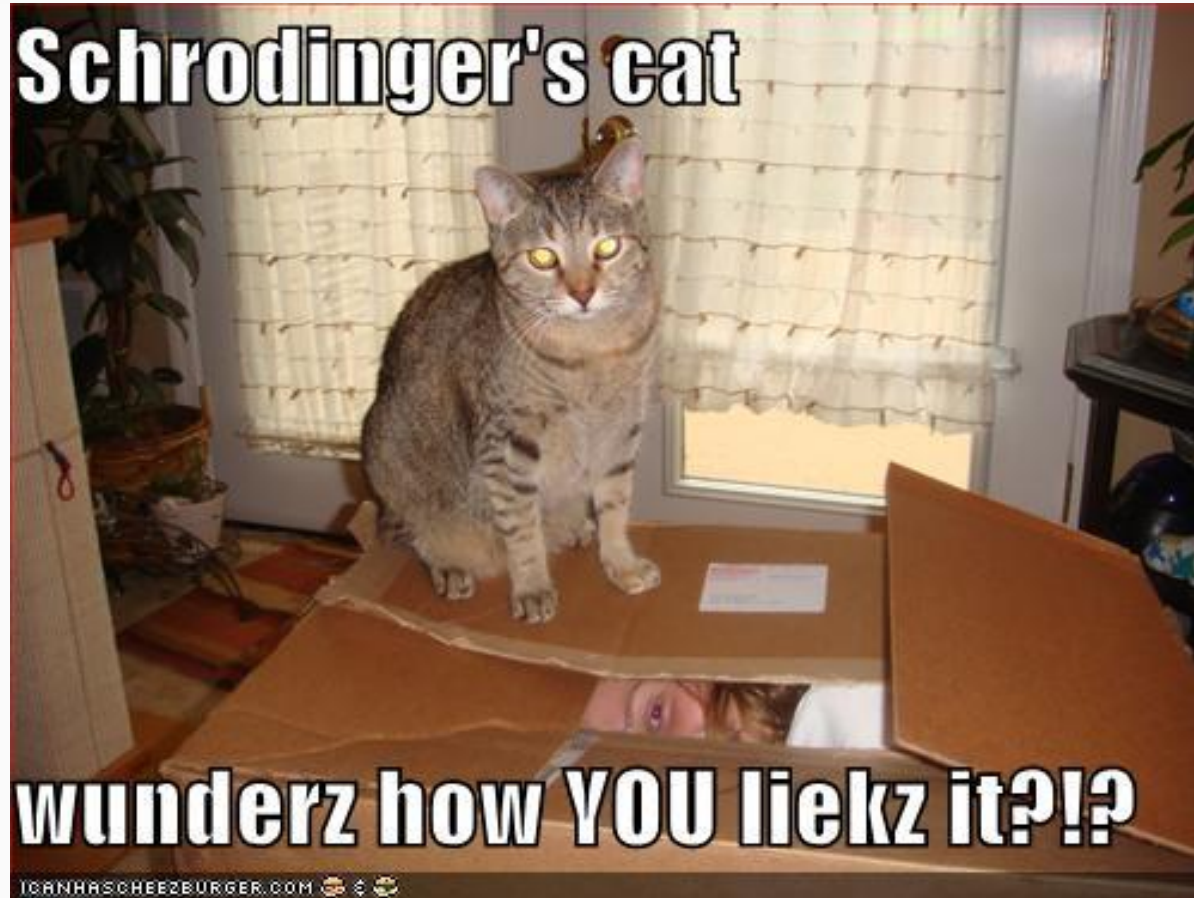


Yet cheerily!

Production Can Contain Superposition



If we shadows have offended, think but this and all is mended

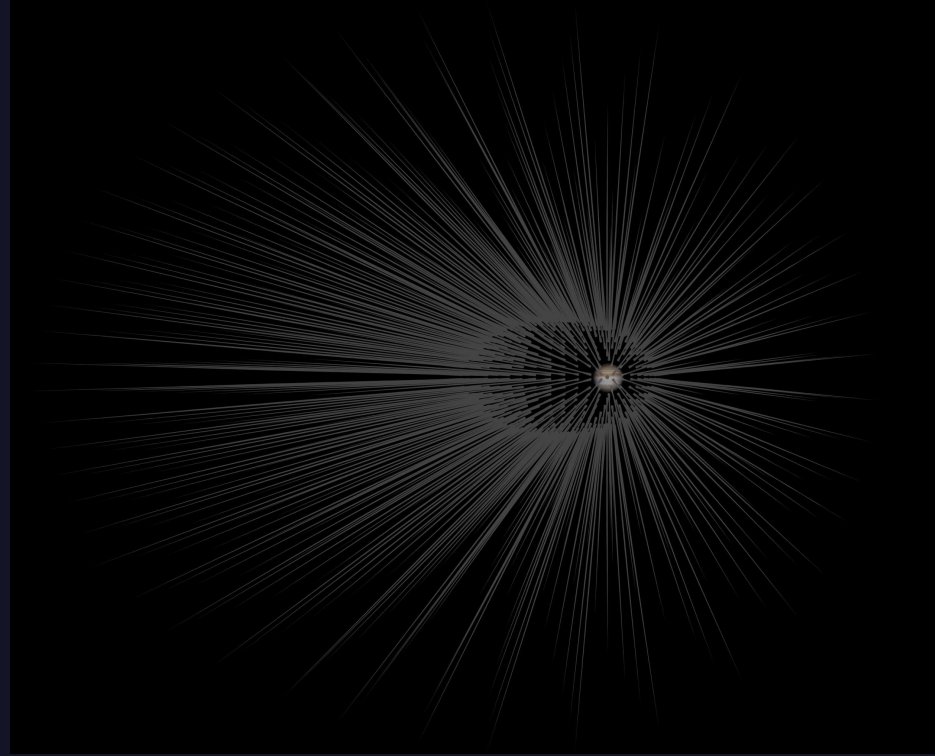


@wiredferret

Lie ten nights awake carving the fashion of a new doublet



You Can Hide in the Dark



**Nor heaven peep through the blanket of the dark
To cry “Hold, hold!”**



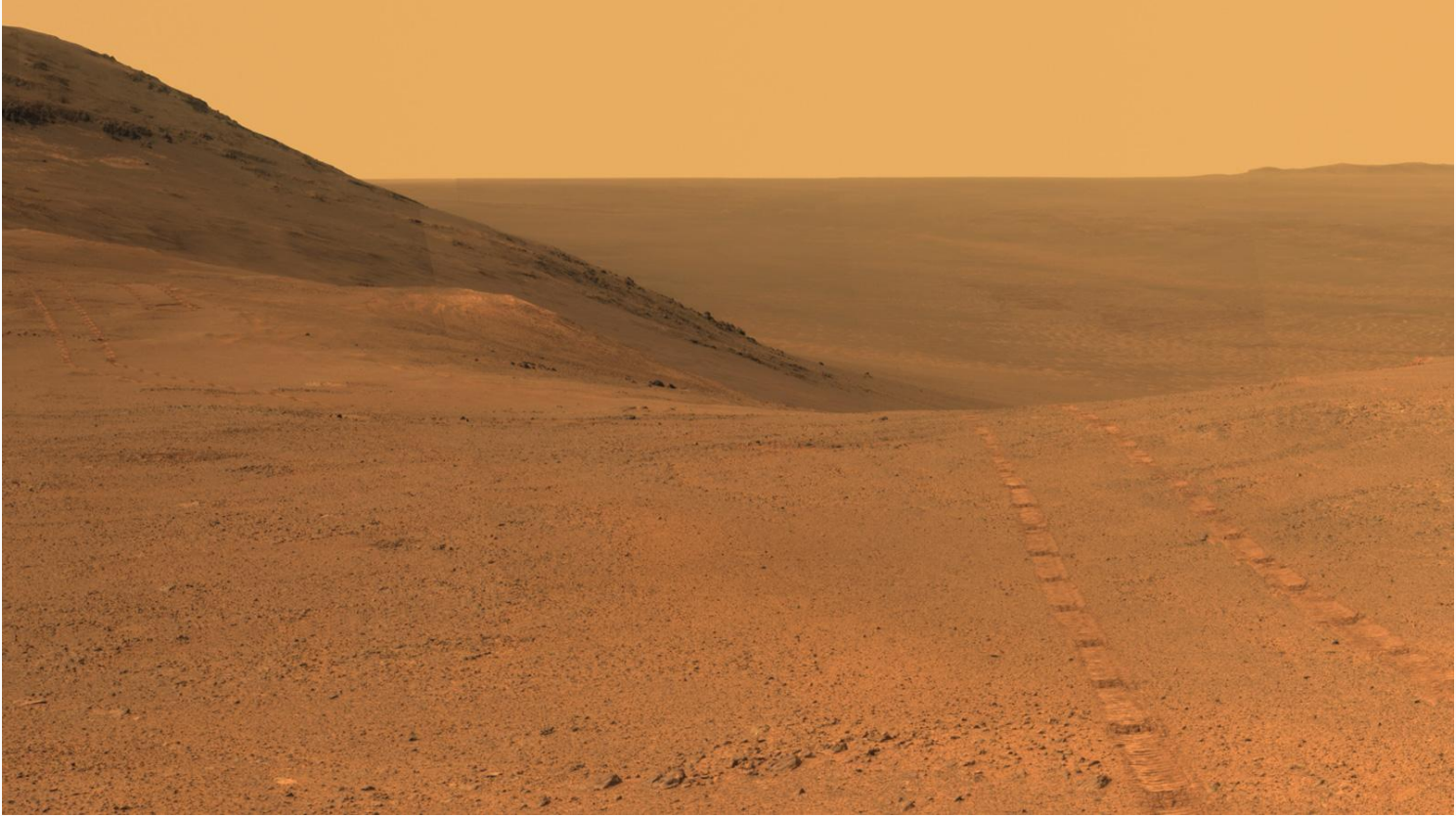
Wisely and slow; they stumble that run fast



Integration Testing Takes Many Forms



Our stern alarums chang'd to merry meetings



But What About....

Testing



The play's the thing, wherein I'll catch the conscience of the king



Bad Ideas?



I know a hawk from a handsaw



Essential Cutovers



**There is a tide in the affairs of men,
Which, taken at the flood, leads on to fortune;**



Charge

Launch Darkly



Branch By Abstraction



Test in Production



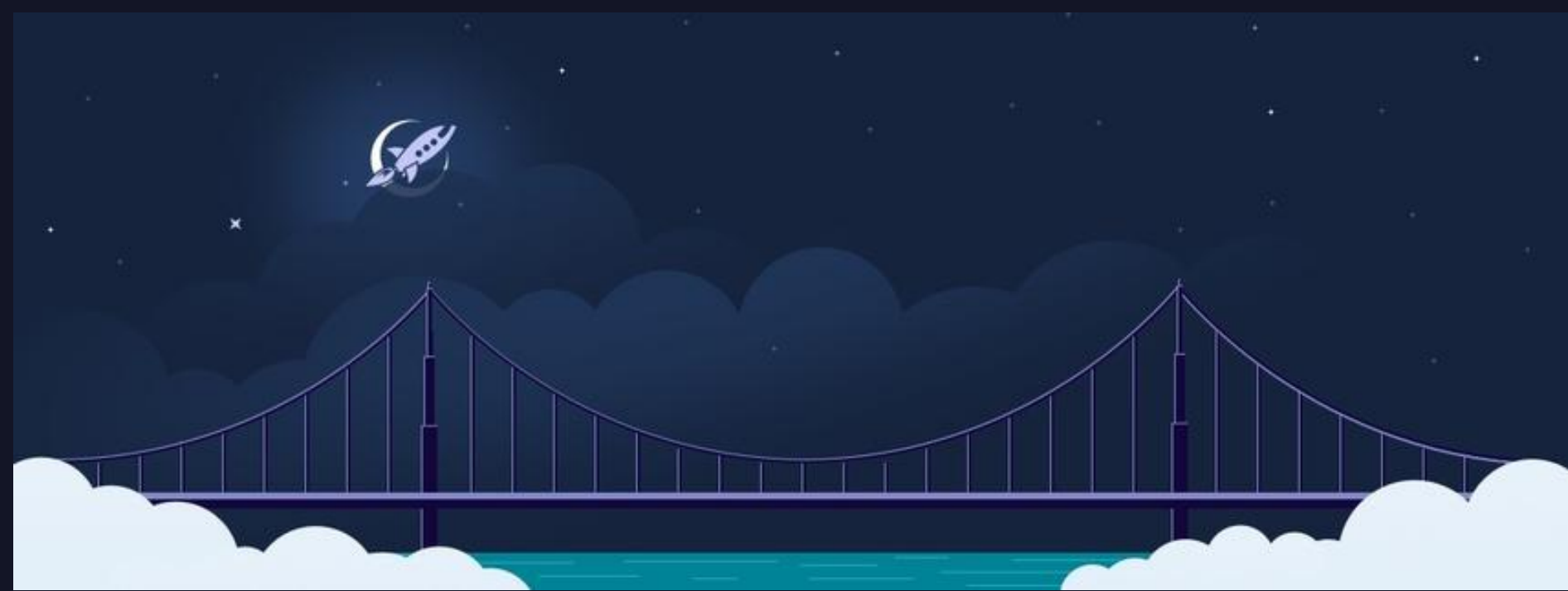
tl;rt

Too long;

read twitter

Kill staging,
because it's a
plausible lie.

Test in production.



launchdarkly.com/heidi

goto;
chicago



Click 'Rate Session'

Rate **5** sessions to get the
supercool GOTO reward

Shakespeare quotes I didn't put in

I didn't put in all the Shakespeare quotes I thought of that had to do with feature flags and production. But you can find them in the speaker notes below!