







Opinions expressed are solely my own and do not express the views or opinions of CVS Health.



Blue-green deployment is a technique that reduces downtime and risk by running two identical production environments called **Blue** and **Green**. At any time, only one of the environments is live, with the live environment serving all production traffic. For this example, **Blue** is currently live and **Green** is idle.

Feb 7, 2019

CloudFoundry Documentation https://docs.cloudfoundry.org/devguide/deploy-apps/blue-green.html

Definition



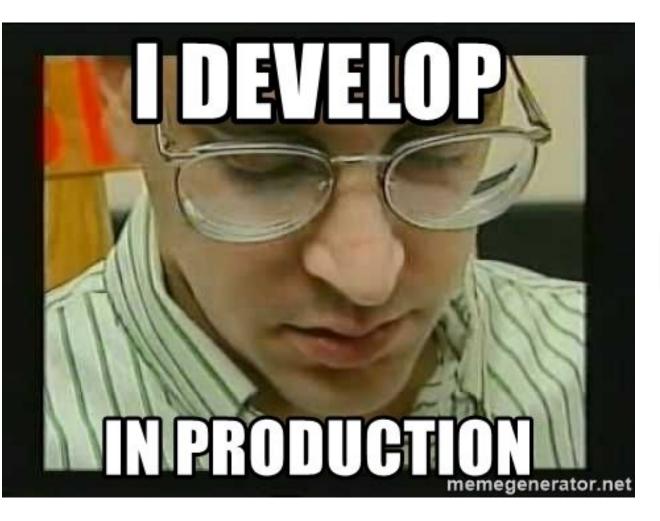
Where X is a...

- Staging Environment
- Pre-Production Environment
- Canary Deployments
- Backup
- Risk Reducer (zero downtime)
- }

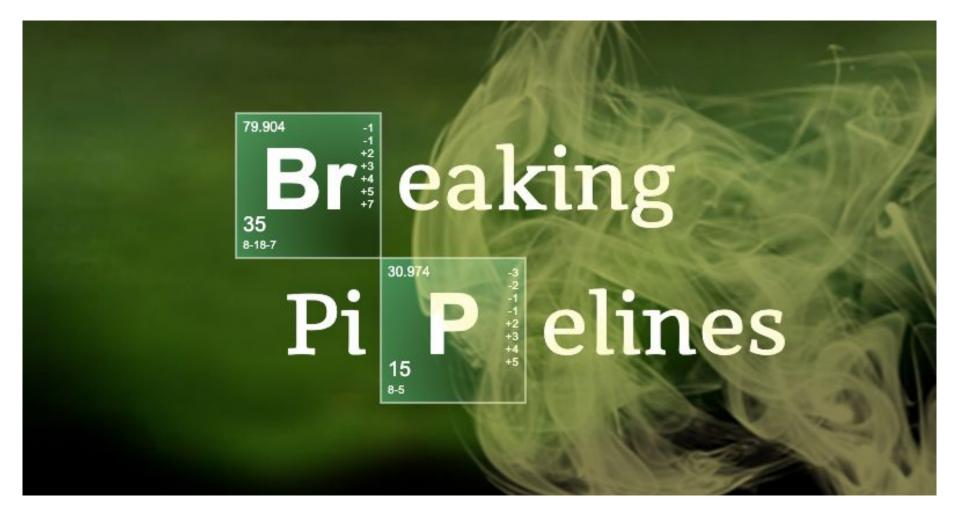




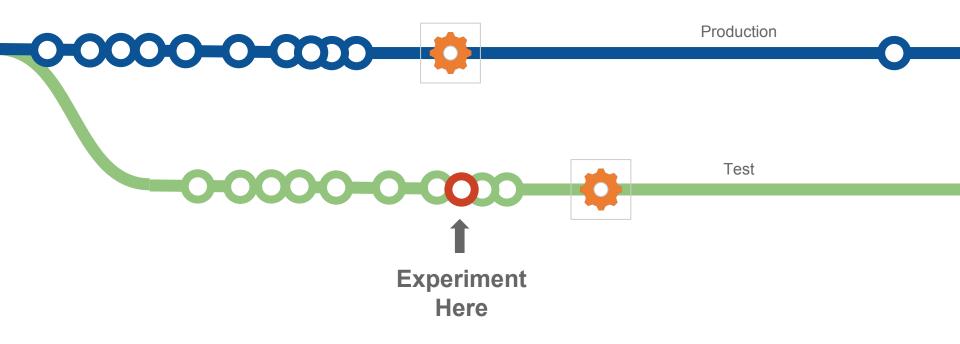




Reality

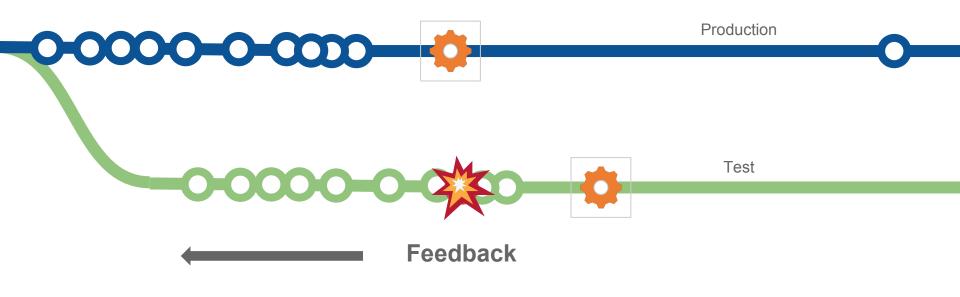






Third Way





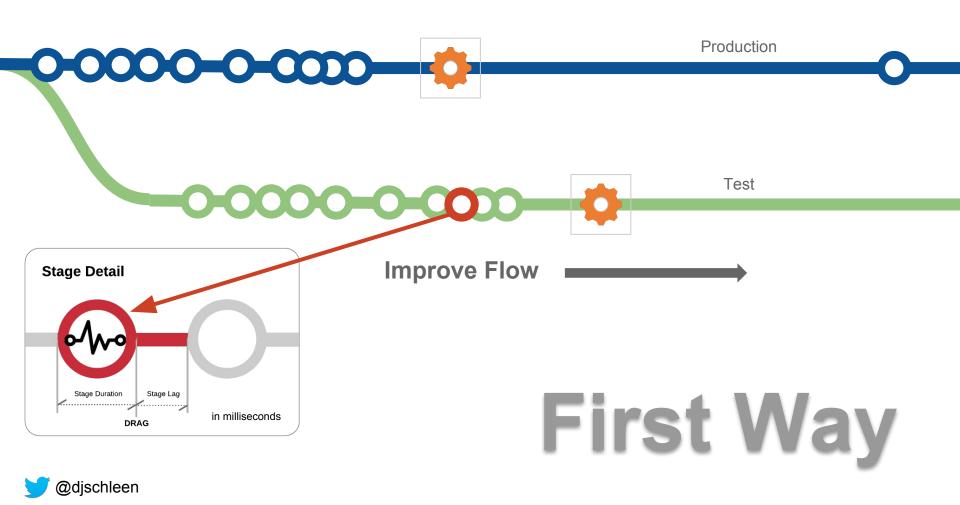
Second Way

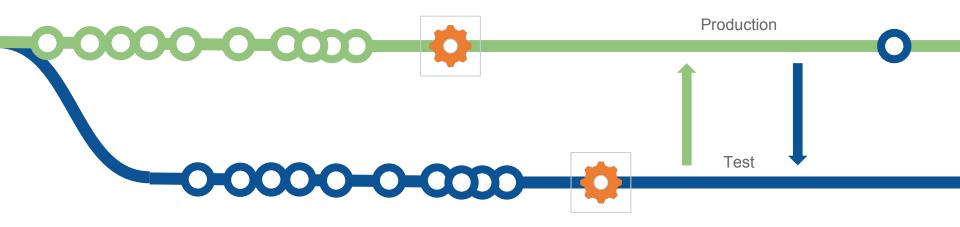




Security.

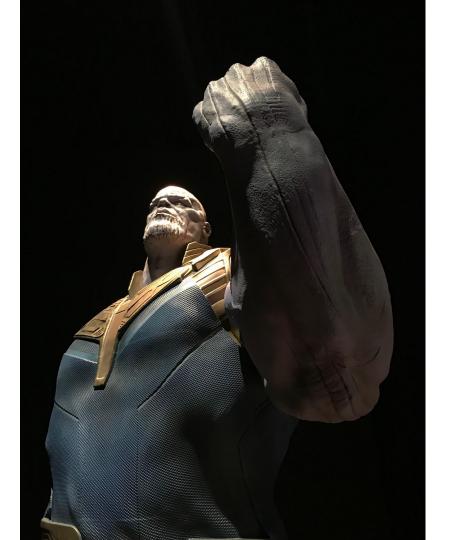












Θάνατος/Thanatos

Thanos

Just because... I put this photo in every presentation



```
this. $items = item.parent().ch
                                                                         Carousel.prototype.ge
his->model_extension_extension->getExtensions('total');
                                                                          return this, sitems, index(item
                                                                         Carousel.prototype.getItemForDirect)
                                                                           var delta = direction == 'prev
                                                                           var activeIndex = this.getItemInde
ults as $key => $value) {
                                                                           var itemIndex = (activeIndex + del
                                                                           return this. items.eq(itemIndex)
er[$key] = $this->config->get($code · '_sort_order');
                                                                         Carousel.prototype.to = function (po
                                                                           var enac
var activeIndex = this.getItemInde
rt($sort_order, SORT_ASC, $results);
                                                                           if (pos > (this.$items.length - 1)
 ults as $result) {
 ($result['code'])) {
                                                                            if (this.sliding) return thi
   $result['code'];
                                                                            if (activeIndex == pos) return thi
                                                                            return this.slide(pos > activeInde
 >>config>get($code '_status')) {
>load>model('extension/total/' . $code);
  have to put the totals in an array so that they pass
                                                                          Carousel.prototype.pause = function
  >{'model_extension_total_' . $code}->getTotal($
                                                                            e || (this.paused = true)
  otal_data);
                                                                            if (this.$element.find('.next, .pr
 empty($totals[count($totals) - 1]) && !isset($totals[
                                                                              this.$element.trigger($.support.
  ount($totals) - 1]['code'])) -
 totals[count($totals) - 1]['code'] = $code;
                                                                              this.cycle(true)
  difference = 0;
                                                                             this.interval = clearInterval(this
    ($taxes as $tax id => $value) {
    (isset($old_taxes[$tax id]))
```

Code Pipeline

Automate Pipeline Toggling

Identical Environments

Measure



Thank you!



Grab a copy of our new book "Epic Failures of DevSecOps"

https://t.co/u8ErG1zshD



https://devxops.ninja

