

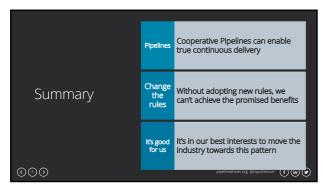
About Roy

• Author of "Art of Unit Testing", "Elastic Leadership" and upcoming "Pipeline Driven" Consulting & Training on TDD, continuous Delivery & Technical Leadership PipelineDriven.org 5whys.com @royosherove DRÍVEN @@0 ove f in 🗹

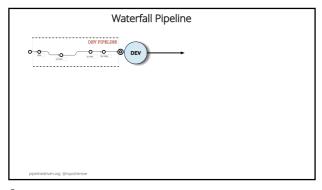
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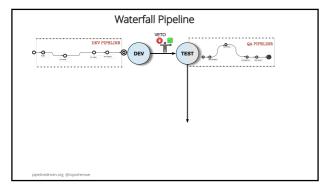
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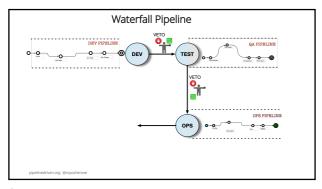


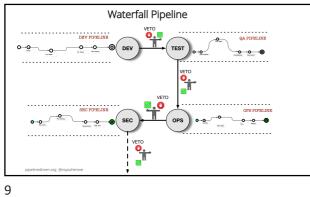




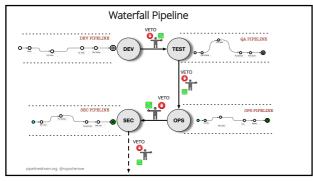


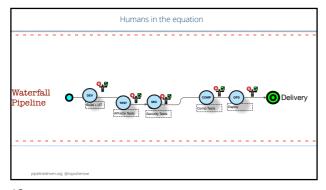


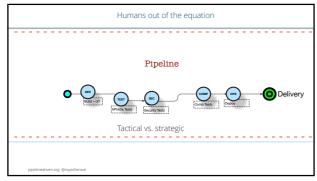


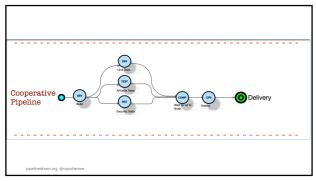




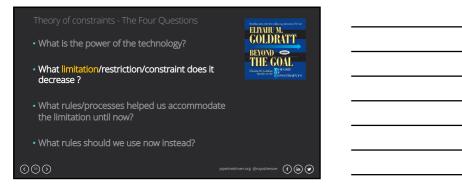








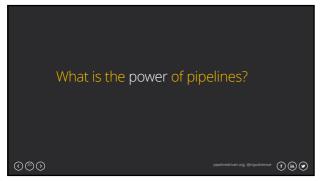


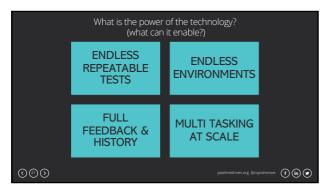






The CAR - The F	Four Questions
What is the power of the technology?	Reaches long distances fast
What limitation/restriction/constraint does it decrease?	Can only walk or bike (short distances)
What rules/processes helped us accommodate the limitation until now?	• Look for jobs in your own town
What rules should we use now instead?	Also look for jobs in other towns
Ø® 	pipelinedriven.org @rayasherave (f) (in)

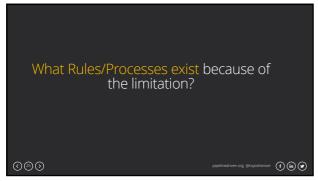


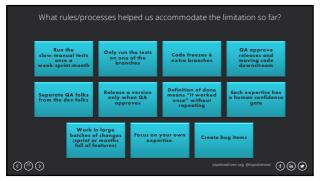


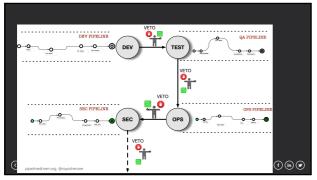


	Limitations in a world without pipelines & ops					
	Time it takes to run the tests	# of environments available	how long it takes to setup an environment	Who knows how to run the tests		
	when we know tests have failed (feedback)	who knows tests have failed	amount of info on test failure	Time it takes to deploy & Rollback		
©©⊙ ppelinedriver arg (irropadierane (i) (ii) ⊙						





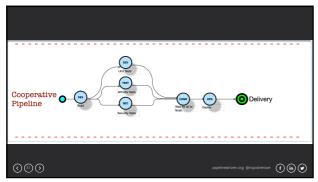




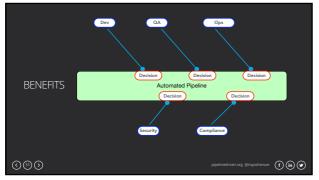


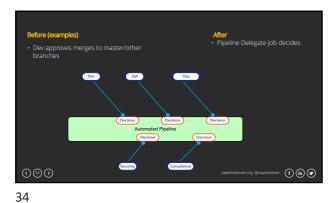


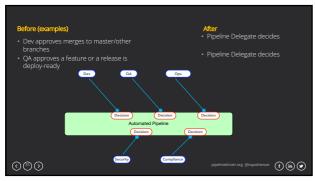


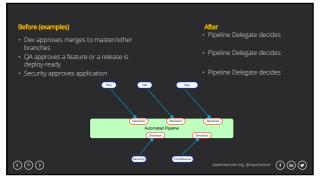


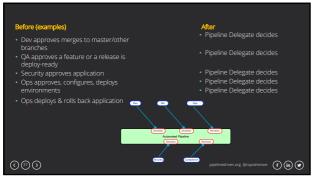


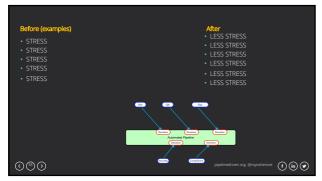








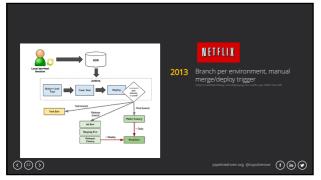








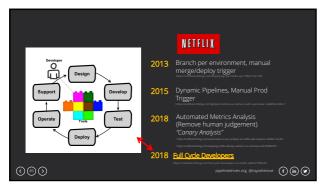










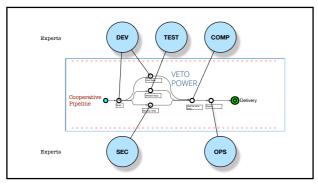










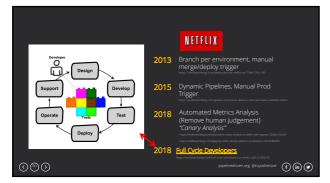


		How to Veto: exit status code non zero
	Bash	exit 1
	C#	Environment.Exit(1);
	Java	System.exit(1);
((90	ppelinedriven org Broynsherove († (in)

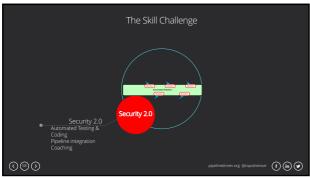


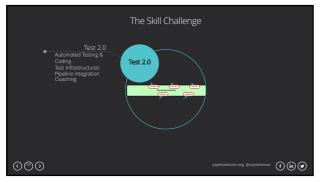


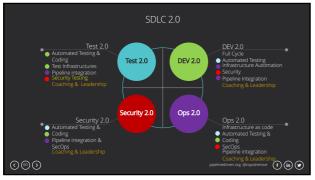


















	This is a test line	
⊘ ⊚⊙	pipelinedriven org Etropoleenoe 🕧 🕞 😧	
68		
	It looks like you're doing just	
	It looks like you're doing just fine	
0 © 0	pipelinedriven ang @royacherove 🕡 庙 😧	
69		
	It's time for a song of mine	
രതര	piselinedriven.org @roycuberove (f) (in) (v)	

	Nothing But Prayer			
			_	
000		edriven.org @rayosherave (f) (in) 💟		
71				
, <u> </u>				
	It's been 7 hours and 15	days		
	its been 7 hours and 13	uays		
	Since my code was throw	wn		
	away			
0@o		edriven.org @rayasherave (f) (in)		
72				
•I work	ed on it so hard night and day			
•Ther	n my code was thrown awa	У		
000		edriven.org @rayosherave (f) (in)		

 I was working on this branch for weeks 	a couple of		
•(just like everybody else)			
0@0	pipelinedriven.org @rayosherave (f) (in)		
74			
When I tried to mergeThe source control			
• laughed at me			
Cause nothing,			
I said NOTHING was working for NOBODY			
⊙ ⊚⊙	pipelinedriven.org @rayasherave (f) (in)		
75			
73			
•All the builds failed			
•All the builds failed			
, in the bands ranea			
•Screw me			
0 ® 0	pipelinedriven.org @rayosherave (f) (in)		

	It's been so lonely without a			
	passing build		-	
	Like a bird without her song			
	Like a bila without her song			
000	pipelinedriven.org @rayesherave	f in 🕢	-	
77				
	Nothing can stop these			
	massive builds from failing		-	
	Tell me branchy, where did I go			
	wrong			
⊘ ®⊙	pipelinedriven.org @royosherove	f in 🕢		
78				
	Yes I did my best to make sure			
	this didn't happen			
	Pulled the latest version all the			
	time			
		000		
രതര	pipelinedriven.org @rayosherave	(f) (in) (v)		

	I went to the architects	
	And guess what they told me	-
	And guess what they told me (guess what they told me)	-
() ®()	ppelinedriven.org @rayasherove 🕧 📵 📵	
80		
	They said	
	"you have to learn to use feature toggles no matter what you do"	
	(Well they are fools)	
O®0	populared in entire $($ $($ $($ $($ $($ $)$ $($ $($	·
81		
		_
	All the builds failed	
•All th	e builds failed	
•Screv	v me	
080		

 And all the tests that I promised, b Are in the backlog There's no time, they went away 	oaby			
⊙ ⊚⊙	pipelinedriven.org @rayasherave (f (in)			
83				
•I know that debugging this module	e e			
• is extremely hard				
But I'm willing to give another try				
- Dut IIII Willing to give another try				
©® ⊙	pipelinedriven.org @royosherove (f) (in)			
84				
04				
•And Nothing but prayer				
•Nothing but prayer				
0 1 7				
•Will do				
രത	pipelinedriven.org @rayosherave (f) (in) (v)			

 Nothing but prayer Nothing but prayer Will do. (x1) ⊗⊚⊙ 	ppelinedriven org @thypotheroxe (†) (in) (*)	
 Nothing but prayer Nothing but prayer Will do. (x2) 	ppelinedriven.org @toyodheroxe (1) (In) (•)	
Thank You! roy@osherove.com @royOsherove	ppelinedriven org. (Broyacherove: $oldsymbol{(f)}$ $oldsymbol{(n)}$ $oldsymbol{(v)}$	