



HuskyCI:

Encontrando vulnerabilidades de código na Globo.com antes do deploy

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Agenda: HuskyCl

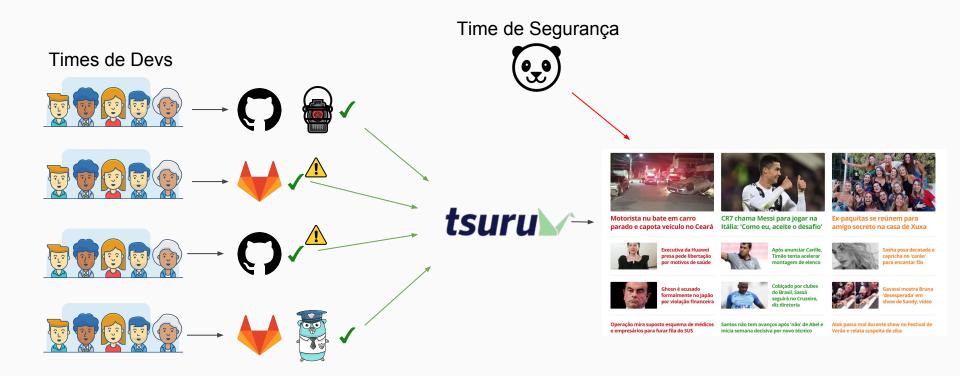


- 1. Motivações
- 2. Planejamento do projeto
- 3. Demo
- 4. Resultados obtidos
- 5. Próximos passos



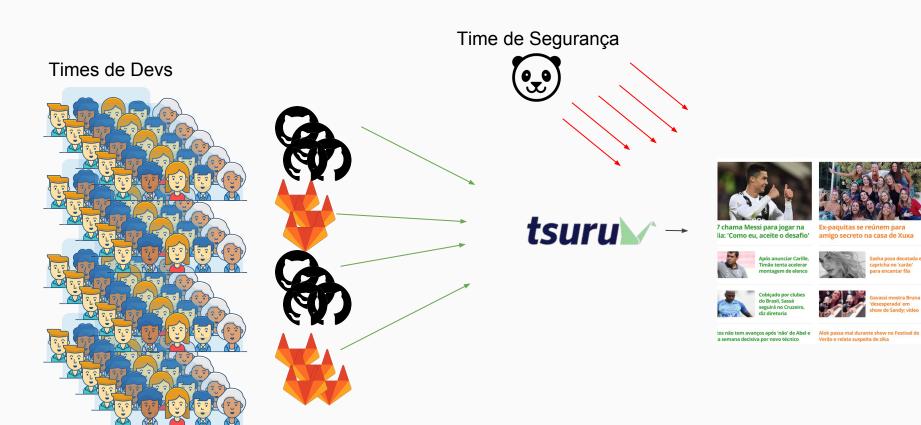
1. Motivações





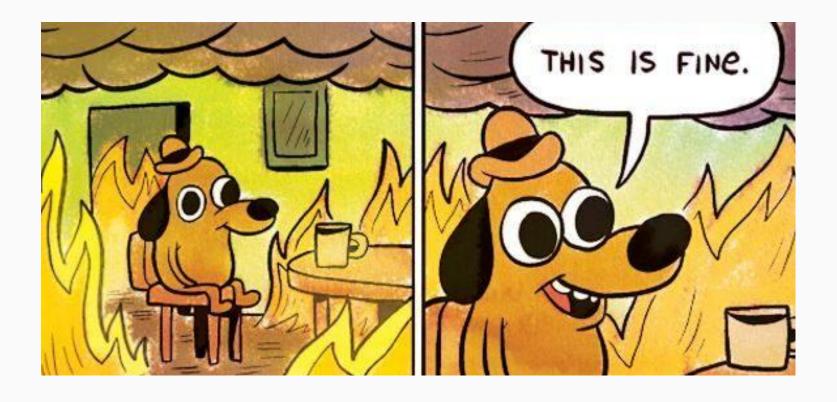
1. Motivações: Realidade





1. Motivações: Realidade





2. Planejamento do projeto

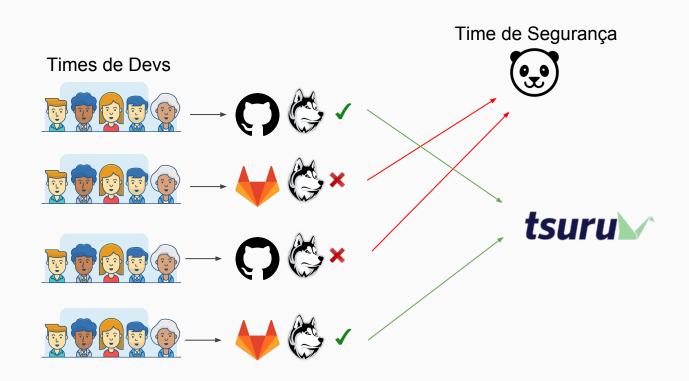




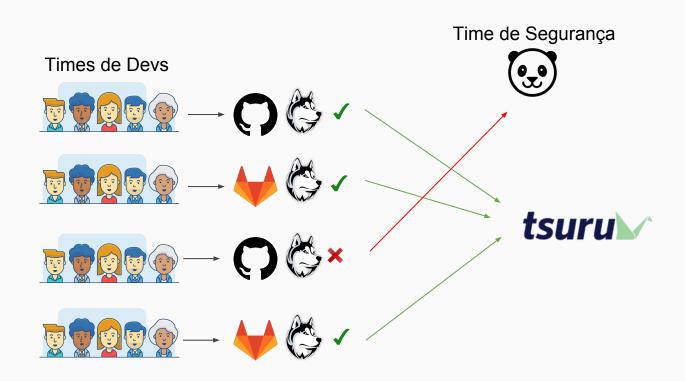




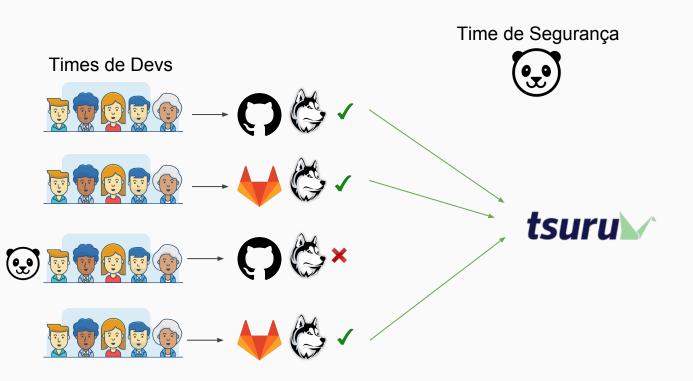






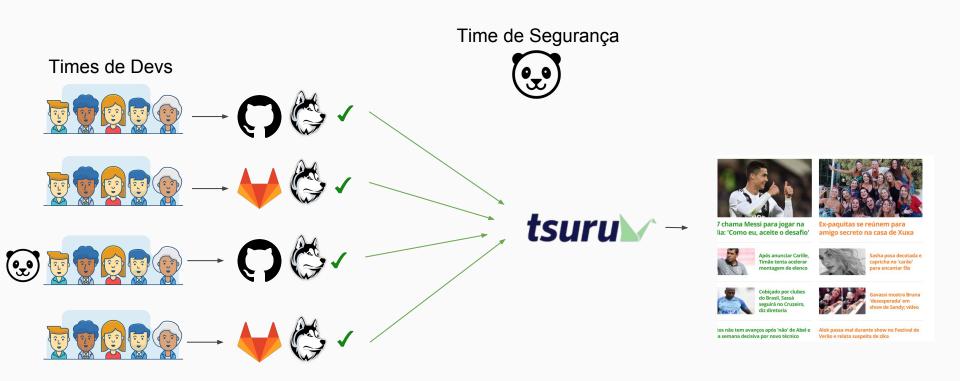












2. Planejamento do projeto: Linguagens





Quais linguagens utilizamos na Globo.com?





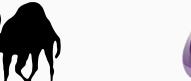














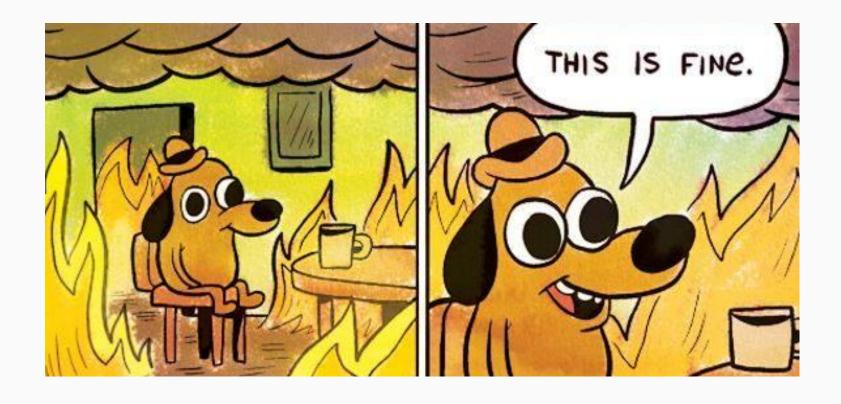






2. Planejamento do projeto: Linguagens





2. Planejamento do projeto: Ferramentas





Ferramentas open source para análise de código?

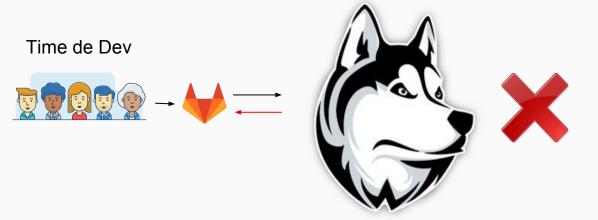






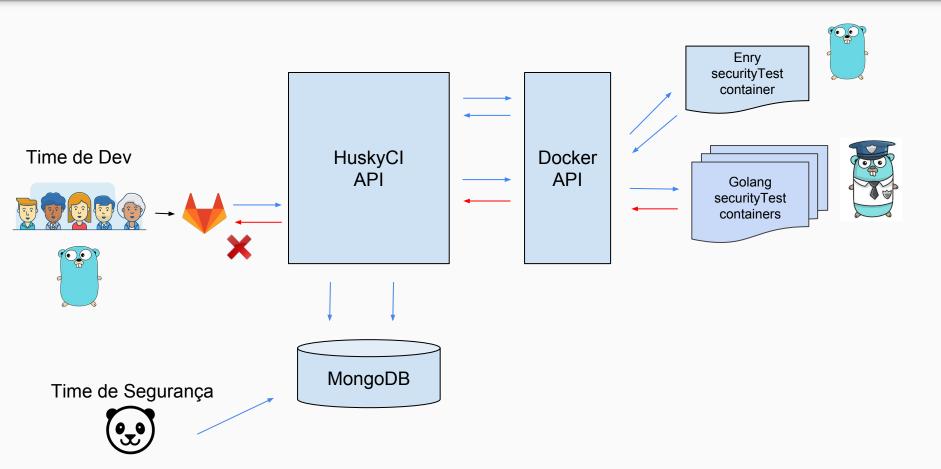
2. Planejamento do projeto: Arquitetura





2. Planejamento do projeto: Arquitetura

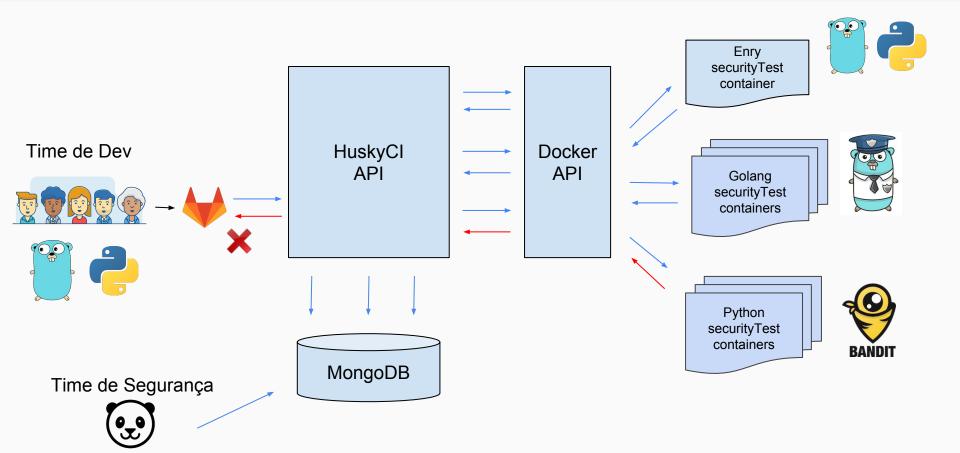




2. Planejamento do projeto: Arquitetura

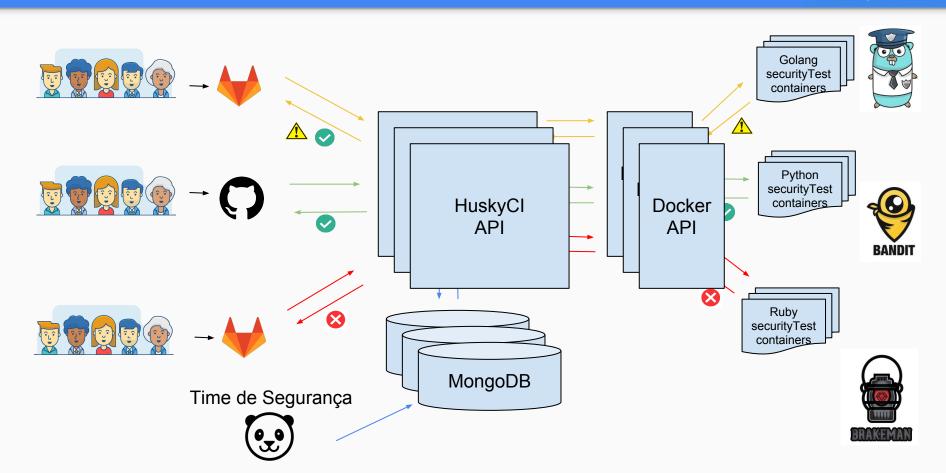






2. Planejamento do projeto: Escalabilidade globo com



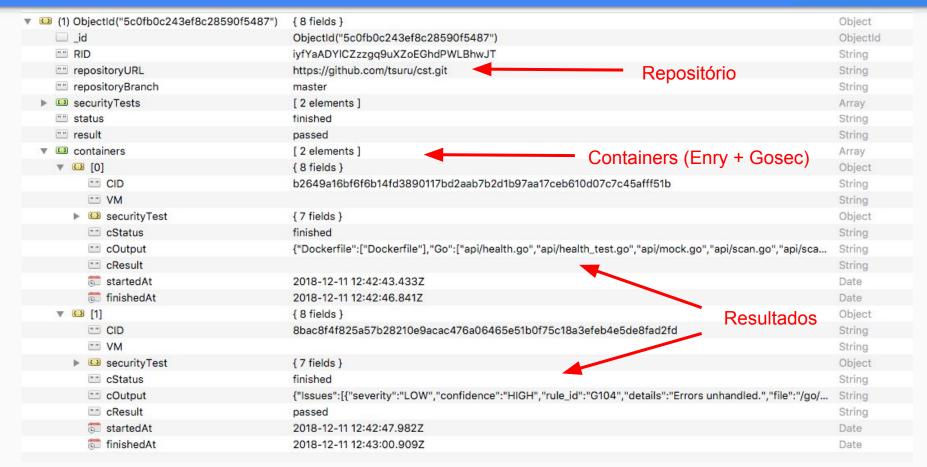


2. Planejamento do projeto: MongoDB





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2. Planejamento do projeto: CI config



```
.gitlabci.yml ×
      stages:
        - HuskyCI
3
      test-huskyci:
5
        stage: HuskyCI
6
        script:
           - wget urlto.huskyci.com/huskyci-client
 8
           - chmod +x huskyci-client
9

    - ./huskyci-client

10
```

3. Demo





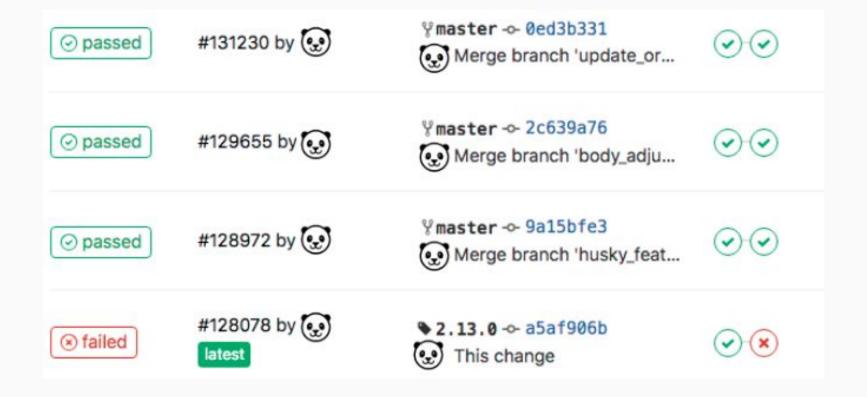


```
Checking out 314357dd as master...
Skipping Git submodules setup
$ wget
                                                /huskyci-client
Connecting to
huskyci-client
                                                              5099k
                                                                     0:00:00 ETA
huskyci-client
                                                              6622k
                                                                     0:00:00 ETA
$ chmod +x huskyci-client
$ ./huskyci-client
{"Issues":[{"severity":"MEDIUM","confidence":"HIGH","rule_id":"G304","details":"Potential file inclusion via
variable", "file": "/go/src/code/main.go", "code": "os.Open(file)", "line": "23"}], "Stats":
{"files":1,"lines":29,"nosec":0,"found":1}}
ERROR: Job failed: exit code 1
```



```
Cloning repository...
Cloning into '/builds/supseg/insecure-go-project'...
Checking out 53d5eeed as master...
Skipping Git submodules setup
$ wget
                                               /huskyci-client
Connecting to
huskyci-client
                                                             6658k 0:00:00 ETA
$ chmod +x huskyci-client
$ ./huskyci-client
[HUSKYCI][*] master ->
                                                      /insecure-go-project.git
[HUSKYCI][*] HuskyCI analysis started! pSMHqcM3hRlUCXHyoQsFNrWRquEw3i4R
[HUSKYCI] [*] :)
Job succeeded
```



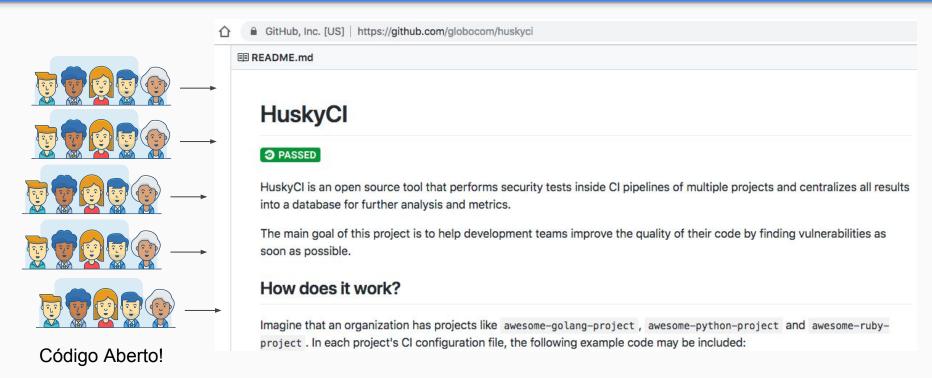






5. Próximos passos: Open Source!

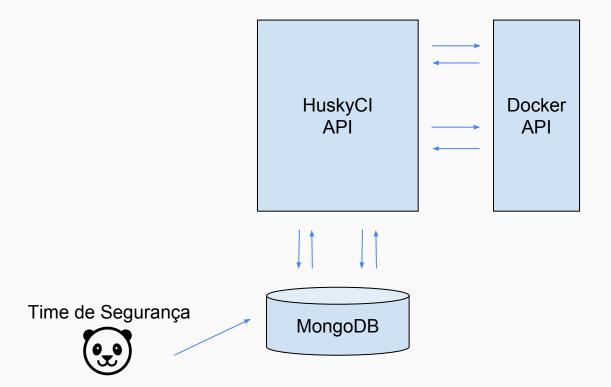




https://github.com/globocom/huskyci

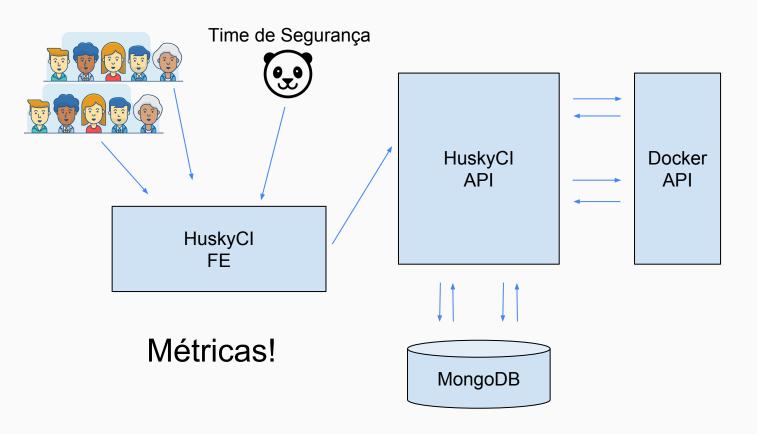
5. Próximos passos: Front-end





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5. Próximos passos: Falso positivo



"FALSO POSITIVO! Não trave meu CI!"



5. Próximos passos: Outras linguagens



















5. Próximos passos: E mais...



0	1	Add a RetireJS security Test feature #127 opened 20 days ago by rafaveira3	A	
	1	Adjust Makefile to stop/start/restart a single container feature #126 opened 21 days ago by rafaveira3		□ 1
	()	Add authentication to HuskyCl feature #123 opened 21 days ago by rafaveira3		Ç 1
0	(1)	Start documenting HuskyCl docs let's open source! #122 opened 26 days ago by rafaveira3		
0	•	Create an epic logo for HuskyCl docs let's open source! #120 opened 27 days ago by rafaveira3	-	□ 2
	(!)	Include _test files to perform tests in HuskyCl code let's open source! test #114 opened 27 days ago by rafaveira3		Ç 1
0	(1)	Verify if image exists and get image if it doesn't exist feature #81 opened on Oct 16 by carlosljr Super refactor		
0	1	Avoid connecting to MongoDB every time a huskydb.go function is called bug let's open sourcel refact #76 opened on Oct 1 by rafaveira3 Super refactor	A.	Д 3
	(!)	Add numAnalysis into RepositoryCollection feature #73 opened on Sep 5 by rafaveira3 packlog		Ç⊒ 2

https://github.com/globocom/huskyci/issues











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Perguntas?

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