

Rust

Rápida, confiável, produtiva -- Escolha três




```
fn main() {  
    println!("Hello, World!");  
}
```




Loved

Dreaded

Wanted

Rust 79.1%

Swift 72.1%

F# 70.7%

Loved

Dreaded

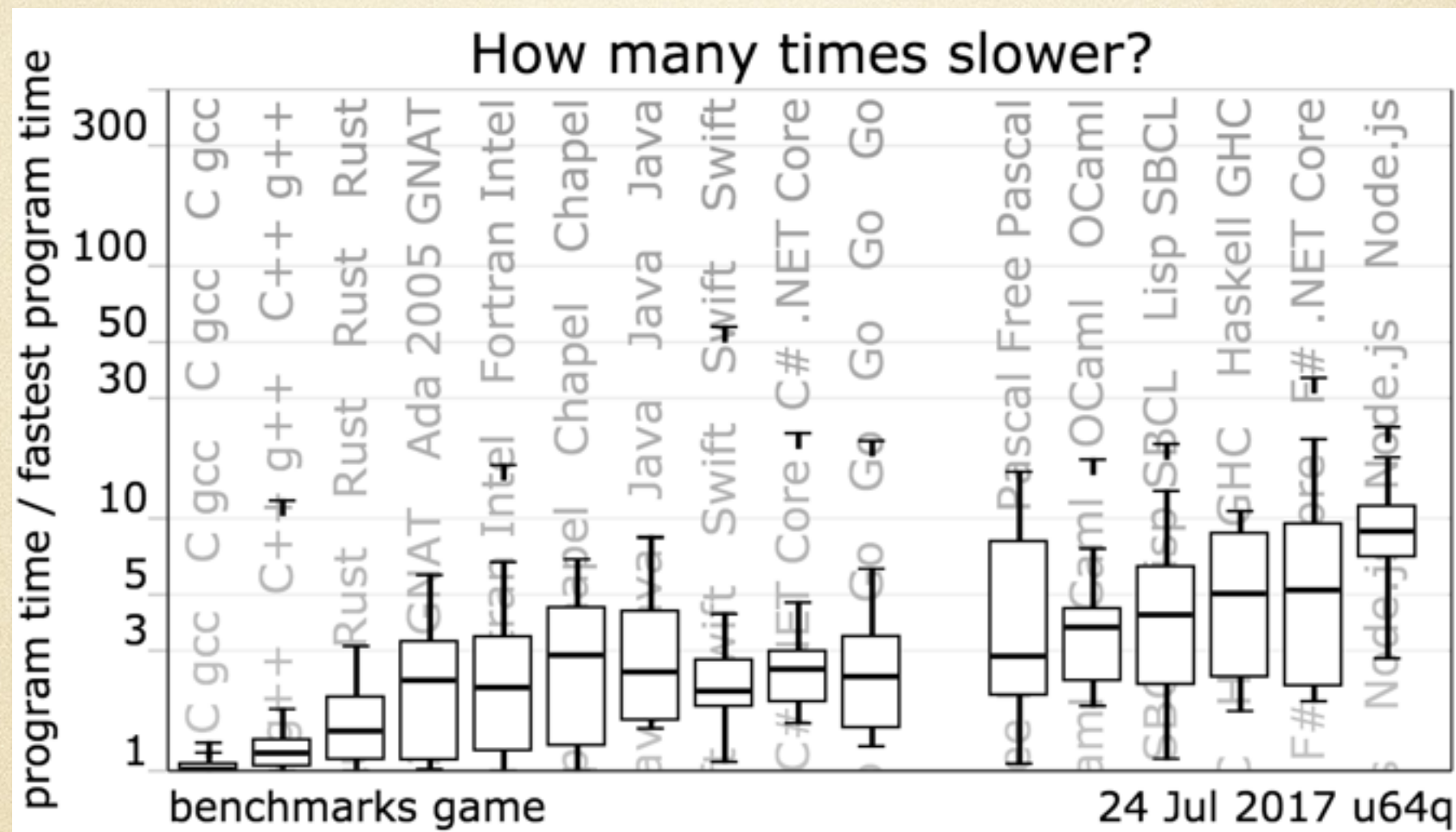
Wanted

Rust 73.1%


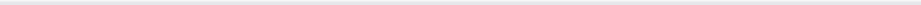




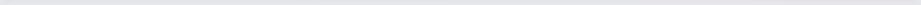
Smalltalk 67.0%

TypeScript 64.1%

Benchmarks



Best plaintext responses per second, Dell servers at ServerCentral (238 tests)

Framework	Best performance (higher is better)	Cls	Lng	Plt	FE	Aos	IA	Errors
 libreactor	3,987,169  100.0% (97.6%)	Plt	C	lib	Non	Lin	Rea	0
 ulib	3,969,896  99.6% (97.2%)	Plt	C++	Non	ULi	Lin	Rea	1
 rapidoid-http-fast	3,794,920  95.2% (92.9%)	Plt	Jav	Rap	Non	Lin	Rea	0
 tokio-minihttp	3,682,355  92.4% (90.1%)	Mcr	Rus	Rus	tok	Lin	Rea	0

Muitas linguagens



Gerenciamento automático de
memória

Sem data races

Abstrações



Coletor de lixo

Sem paralelismo

Interpretadores,
alocações dinâmicas,
chamadas virtuais...

Rust



Gerenciamento automático de
memória

Sem coletor de lixo

Sem data races

Paralelismo

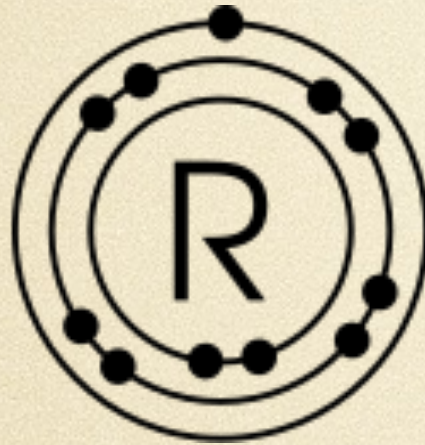
Abstrações

De custo zero

Quem

Usa

Pra que serve?



Ripgrep

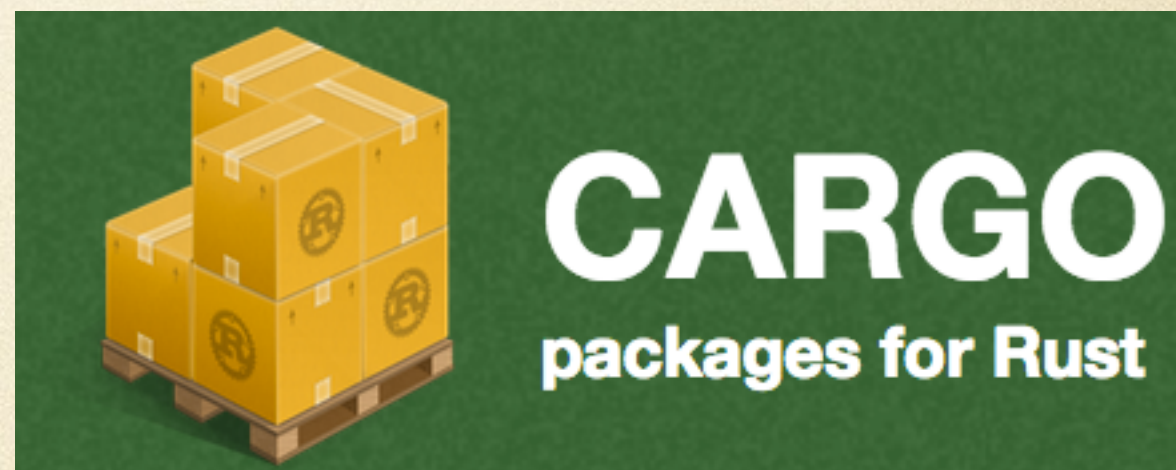


DIESEL



Seus novos amigos

The Book



Rust by Example



Run ▶



rustup.rs