

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%

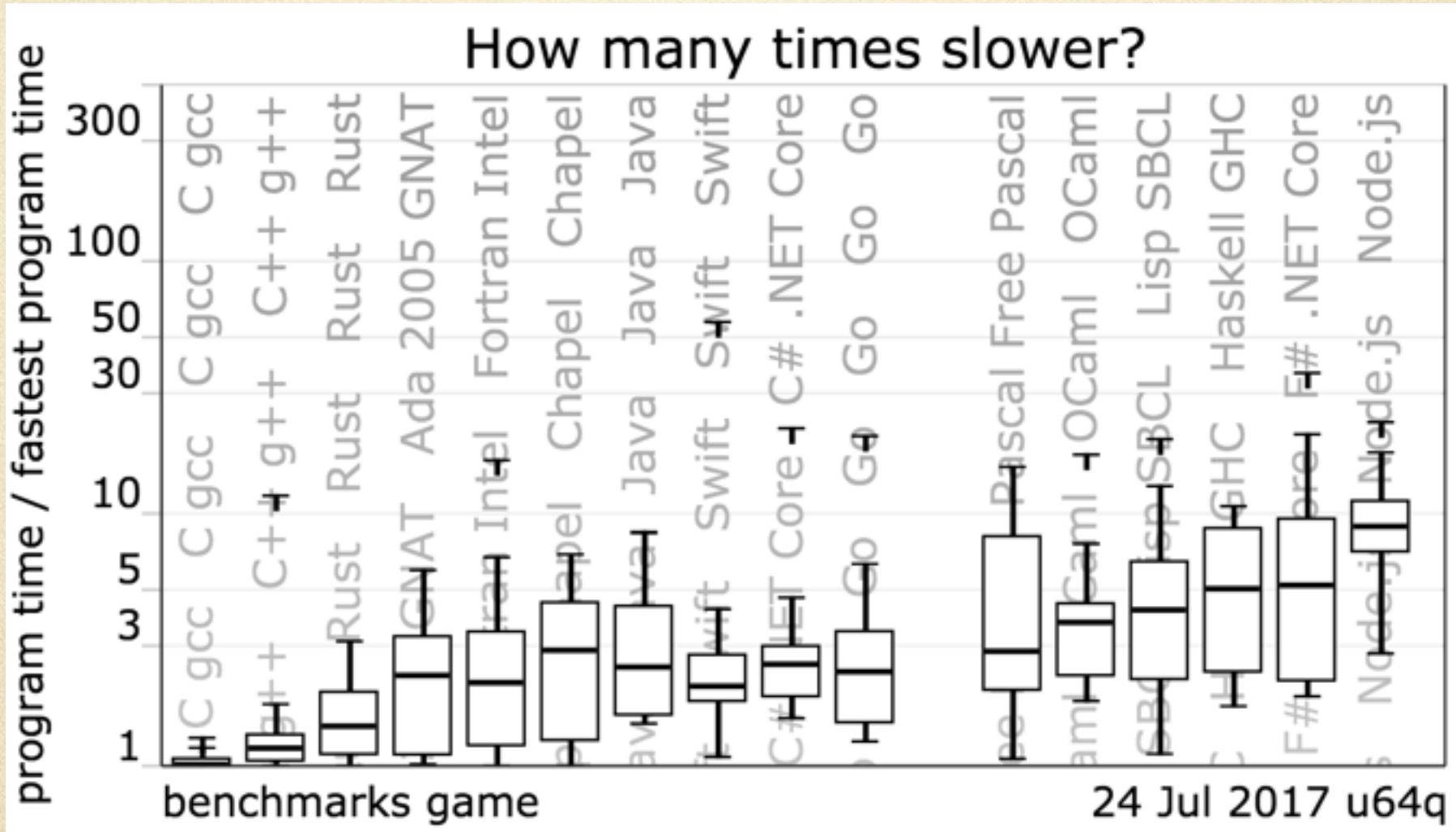
Smalltalk

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

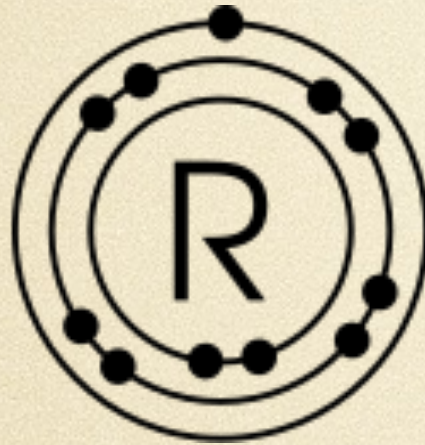
Abstrações

De custo zero

Quem

Usa

Veja você mesmo



Ripgrep

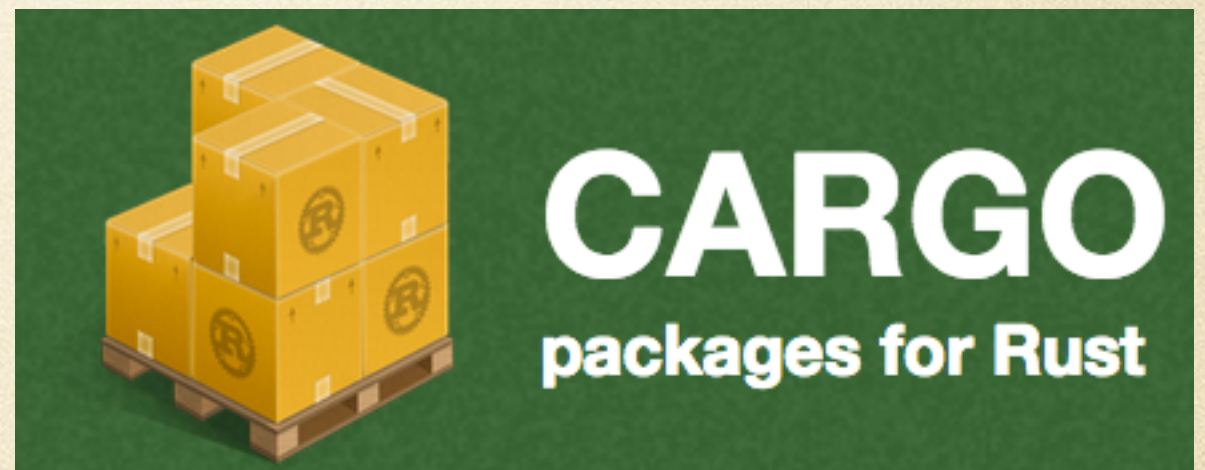


DIESEL

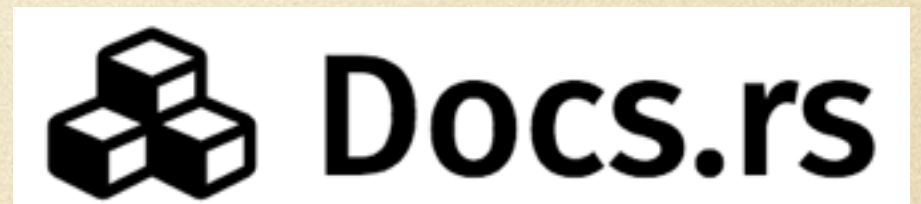


Seus novos amigos

The Book



Rust by Example





rustup.rs