

Rust Programming Language

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A Mozilla Project

“ Rust is a systems programming language that runs blazingly fast, prevents segfaults, and guarantees thread safety. “

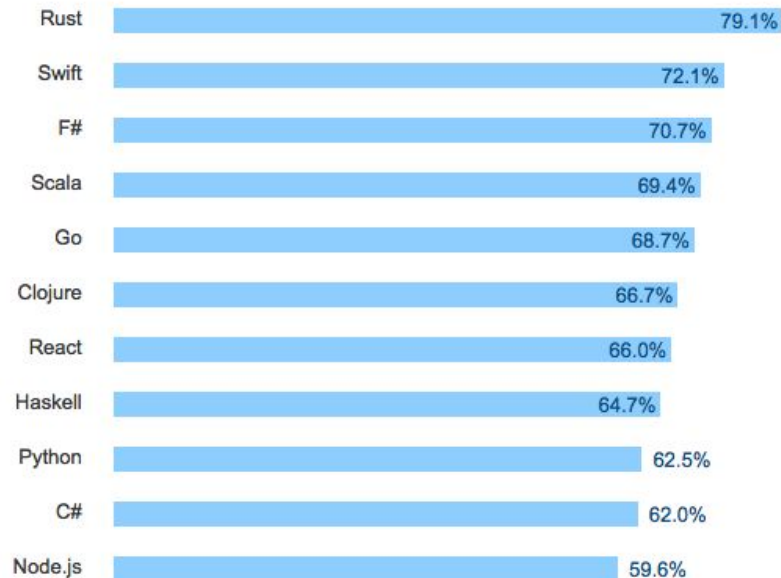


II. Most Loved, Dreaded, and Wanted

Loved

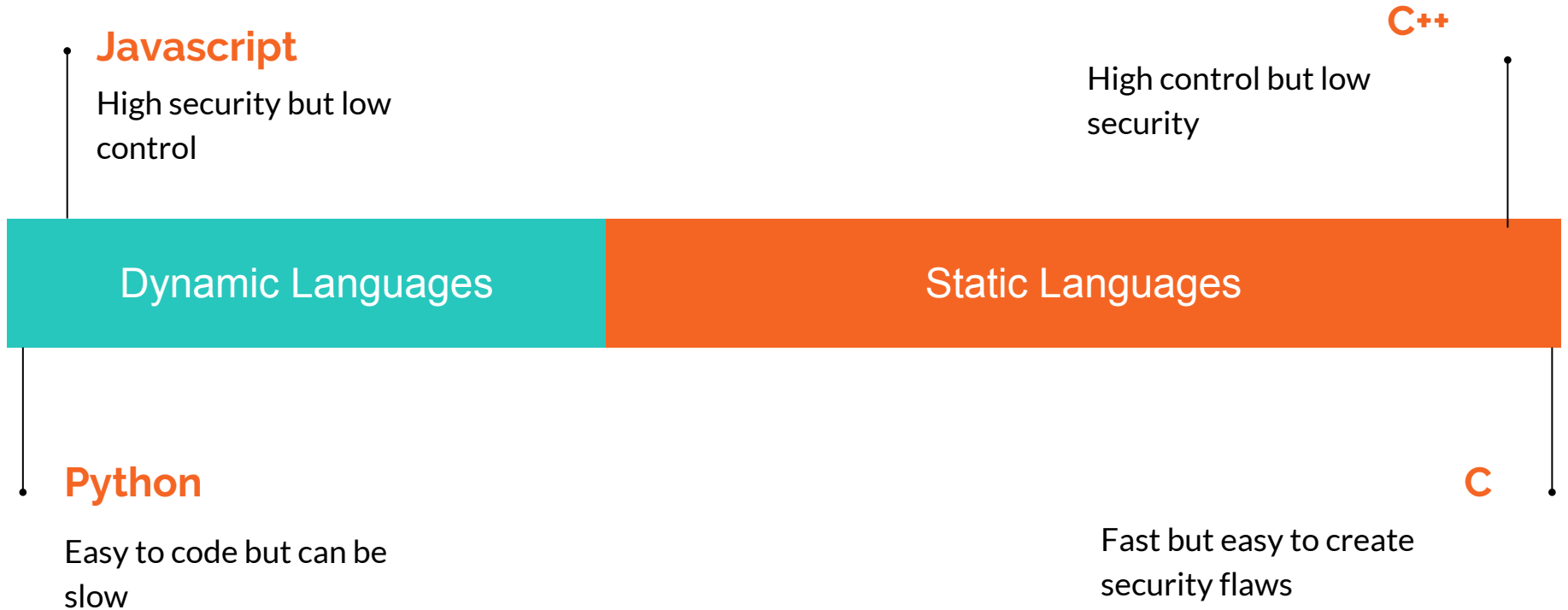
Dreaded

Wanted



% of developers who are developing with the language or tech and have expressed interest in continuing to develop with it


Best of both worlds (safety & speed)



Ownership (How Rust is so Fast and Safe)

- 'Zero-cost abstractions' - abstractions cost as little as possible to work
- Only one variable can own a piece of data

```
1  fn main(){  
2  
3      let vect1 = vec![1,2,3];  
4      let vect2 = vect1;  
5  
6      println!("vect1[0] : {}", vect1[0]);  
7  
8  }  
9
```



vect2 now owns the vector

Works Cited

- <https://doc.rust-lang.org/>

- <https://www.youtube.com/watch?v=agzf6ftEsLU>
