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

See who's using Rust.

Install Rust 1.23.0

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Featuring

- zero-cost abstractions
- move semantics
- guaranteed memory safety
- threads without data races
- trait-based generics
- pattern matching
- type inference
- minimal runtime
- efficient C bindings

```rust
fn main() {
    let greetings = ["Hello", "Hola", "Bonjour",
                     "Ciao", "こんにちは", "안녕하세요",
                     "Cześć", "Olá", "Здравствуйте",
                     "Chào bạn", "您好", "Hallo",
                     "Hej", "Ahoj", "سلام"];

    for (num, greeting) in greetings.iter().enumerate() {
        print!("{} : ", greeting);
        match num {
            0 =>  println!("This code is editable and runnable!"),
            1 =>  println!("¡Este código es editable y ejecutable!"),
            2 =>  println!("Ce code est modifiable et exécutable !"),
            3 =>  println!("Questo codice è modificabile ed esegui
            4 =>  println!("このコードは編集して実行出来ます！"),
            5 =>  println!("여기에서 코드를 수정하고 실행할 수 있습
            6 =>  println!("Ten kod można edytować oraz uruchomić!
            7 =>  println!("Este código é editável e executável!"),
            8 =>  println!("Этот код можно отредактировать и запуст
            9 =>  println!("Bạn có thể edit và run code trực tiếp!
            10 => println!("这段代码是可以编辑并且能够运行的！"),
            11 => println!("Dieser Code kann bearbeitet und ausgefi
            12 => println!("Den här koden kan redigeras och köras!
            13 => println!("Tento kód můžete upravit a spustit"),
            14 => println!("این کد قابلیت ویرایش و اجرا دارد！"),
            _ => {},
        }
    }
}
```

Run

More examples