

Hack postgres Source Code: Vol I

Chapter 1 : C & Rust

1.22 Error Handling - Rust.

Sometimes, we come across a situation that it is not possible to handle some problems at the time of writing code. So, when those problems are met during program execution, we can crash our program manually.

This can be done by `panic!` macro.

For example, rust's `vector` implementation uses `panic!` to crash the program when we try to access index larger than the vector size using `[]` notation.

```
fn main() {  
    panic!("Crash the program");  
}
```

When rust executes `panic!` macro, it crashes the program by cleaning up the stack that consist of function calls that are happened until then.