

# Hack postgres Source Code: Vol I

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## Chapter 1 : C & Rust

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### 1.44 Modules - Rust

Rust provides a powerful module system that can be used to hierarchically split code in logical units (modules), and manage visibility (public/private) between them.

A module is a collection of items: functions, structs, traits, impl blocks, and even other modules

modules are created with `mod` keyword.

```
// This file is main.rs

mod sample_module
{
    pub fn sampl_msg ()
    {
        println!("Sample Message");
    }
}

fn main {} {

    sample_module::sample_msg();

}
```