

# III. Config

## What is a configuration?

- Apps sometimes **hardcode** config in the code.

```
func main() {  
    sql.Open("postgres",  
        "postgres://root:secret@example.com:5432/app")  
  
    // ...  
}
```

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## What is a configuration?

- Apps sometimes **hardcode** config in the code.
- This is a violation of twelve-factor, which requires **strict separation of config from code**.
- Config **varies** substantially across deploys, code does not.
- A **litmus** test for whether an app has all config correctly factored out of the code is whether the codebase **could be made open source** at any moment, without **compromising any credentials**.