

Generating Code Coverage Reports



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Introduction



Basic Code Coverage Code Coverage Reports





basic code coverage report (just %)





cover profile





cover profile with count



```
go test -cover
```

```
go test -coverprofile cover.out
```

```
go tool cover
```

```
go test -coverprofile cover.out  
-covermode count
```

◀ **Run tests with basic coverage stats**

◀ **Generate coverage report to cover.out**

◀ **Analyze coverage report**

◀ **Set cover mode**

set – is statement executed

count – execution count

atomic – execution count (threadsafe)



How to Use Code Coverage Reports



DO use code coverage to find **missed/uncovered** code



DO NOT use code coverage as an indicator of how **good** tests are

