

# Spock Mock Cheatsheet

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Executable examples at [github.com/craigatk/spock-mock-cheatsheet](https://github.com/craigatk/spock-mock-cheatsheet)

## Creating mocks

```
UserService userService = Mock()
def userService = Mock(UserService)
```

## Argument matching

```
userService.createUser(email, name) >> user

userService.sendWelcomeEmail({ User u -> u.email == email && u.name == name })

userService.createUser(_ as String, _ as String) >> user

userService.createUser(_, _) >> user
```

## Verify method call number

```
1 * userService.createUser(email, name) >> user
1 * userService.sendWelcomeEmail(user)
0 * _
```

## Use method arguments in return value

```
userService.createUser(email, name) >> { String e, String n ->
    new User(email: e, name: n)
}
```

## Throw exception from method

```
userService.sendWelcomeEmail(user) >> { throw new IllegalStateException() }
```

## Mock definition outside of test spec

```
interaction {
    userCreationMocks(email, name)
}

private void userCreationMocks(String email, String name) {
    User user = new User()
    1 * userService.createUser(email, name) >> user
    1 * userService.sendWelcomeEmail(user)
}
```