



Google Mock Cheat Sheet

Mock Creation

```
class User
{
    public:
        virtual bool isAdult();
        virtual bool isFriendWith(User user);
        virtual void setName(std::string name);
};

class UserMock : public User
{
    public:
        MOCK_METHOD(bool, isAdult, ());
        MOCK_METHOD(bool, isFriendWith, (User user));
        MOCK_METHOD(void, setName, (std::string name));
};
```

Expectations

```
EXPECT_CALL(userMock, setName("Thomas"));
EXPECT_CALL(userMock, setName(testing::_));
EXPECT_CALL(userMock, setName(testing::An<std::string>()));
EXPECT_CALL(userMock, isAdult()).Times(0);
```

Setting Default Actions

```
ON_CALL(userMock, isFriendWith(testing::An<User>()))
    .WillByDefault(testing::Return(true));
ON_CALL(userMock, isAdult())
    .WillByDefault(testing::Return(false));
```