

MODEL-VIEW-VIEWMODEL

```
class SignUpViewModel(  
    private val useCase: SignUpUseCase,  
    private val router: Router  
) : BaseViewModel() {  
  
    var progressVisible by observable(false)  
  
    fun signUpClick() {  
        useCase.execute(signUpEntity)  
            .doOnSubscribe { progressVisible = true }  
            .doOnComplete { progressVisible = false }  
            .subscribe({}, {})  
    }  
  
    fun signInClick() {  
        router.openSignIn()  
    }  
}
```

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```
fun <VM : BaseViewModel> VM.withFlow(testBody: (VM) -> Unit) {  
    start()  
    testBody.invoke(this)  
    close()  
}
```

```
viewModel.withFlow{  
    signInClick()  
    verify(router).openSignIn()  
}
```