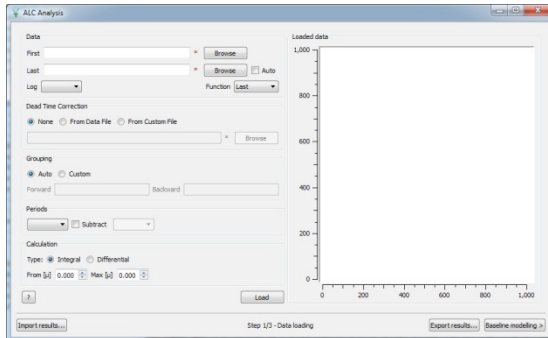


MVP in Mantid

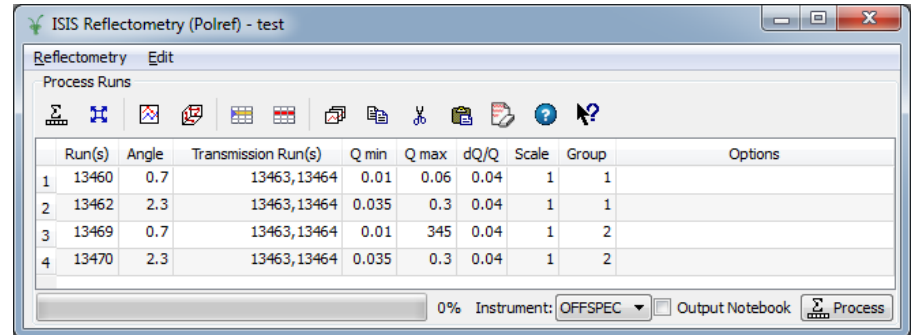
(Model – View - Presenter)

MVP

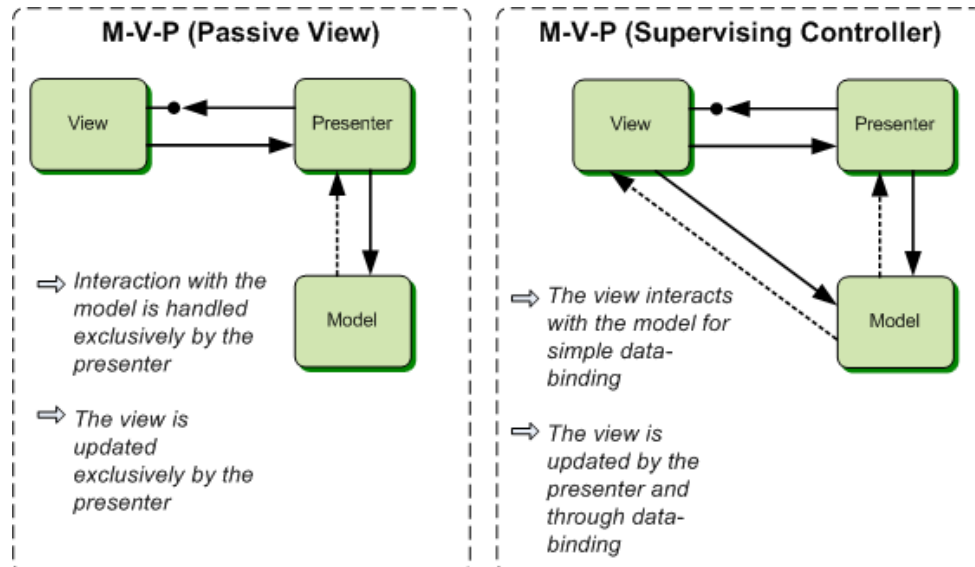
ALC(Muon)



Reflectometry (Polref)

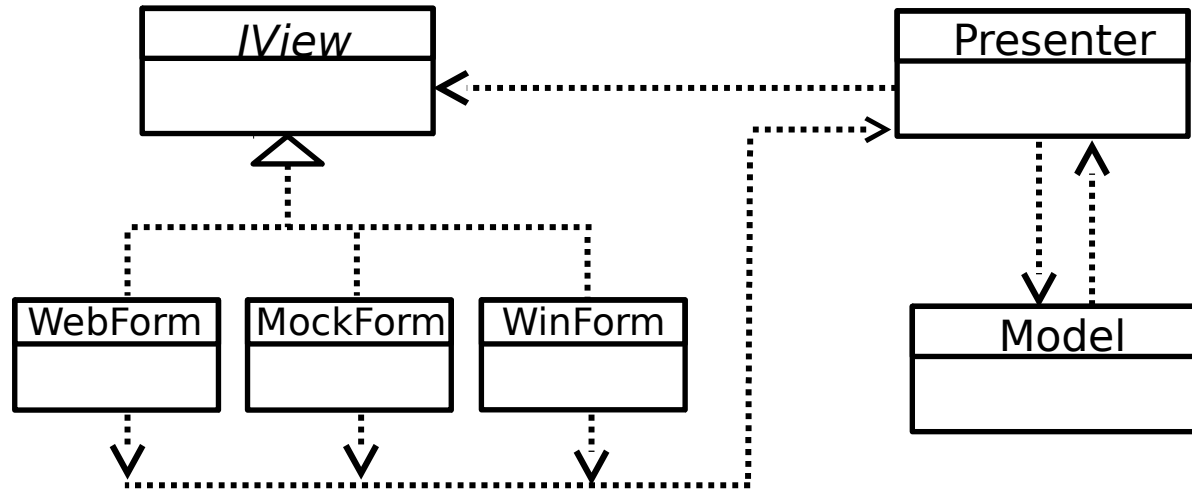
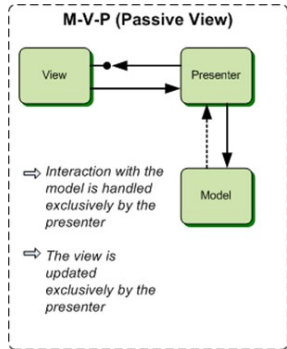


- Separation of concerns: easier to extend/modify/maintain/reuse

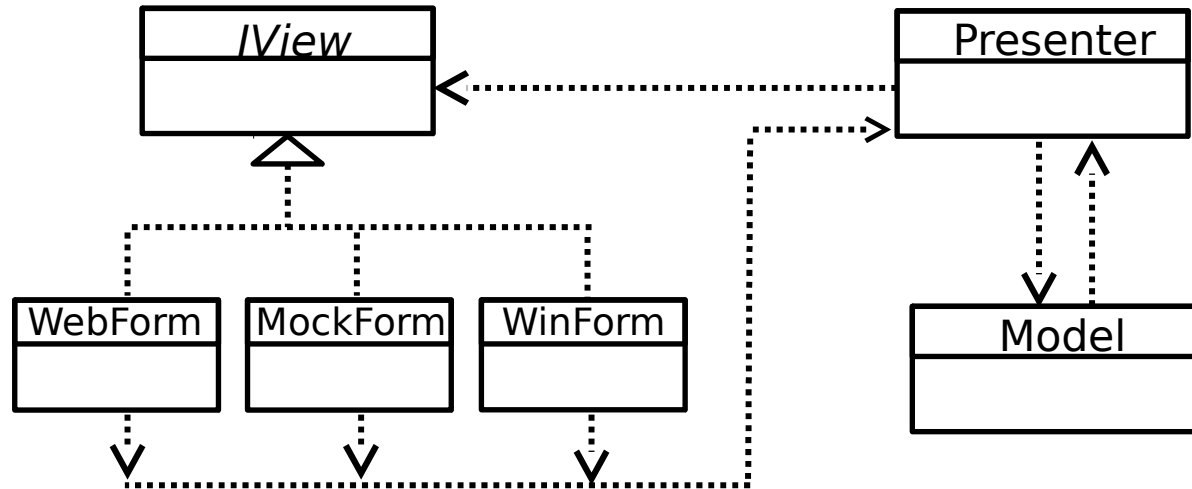
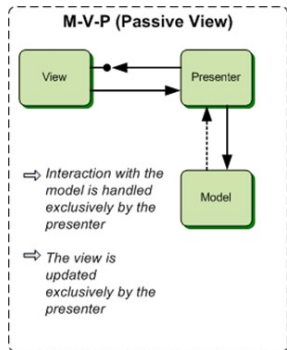


- Testability: more logically organised -> easier to test

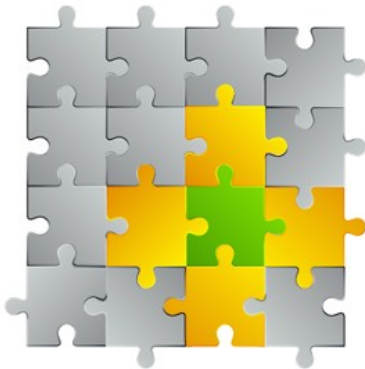
Testing



Testing



REAL SYSTEM

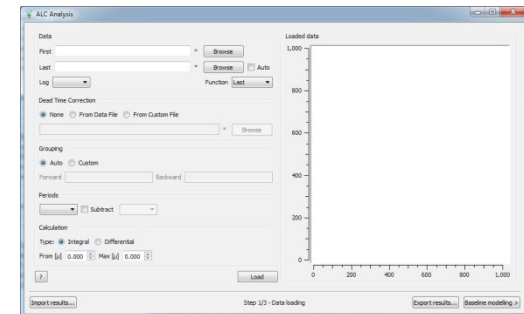


Green = class in focus
Yellow = dependencies
Grey = other unrelated classes

CLASS IN UNIT TEST



Green = class in focus
Yellow = mocks for the unit test



ISIS Reflectometry (Polref) - test

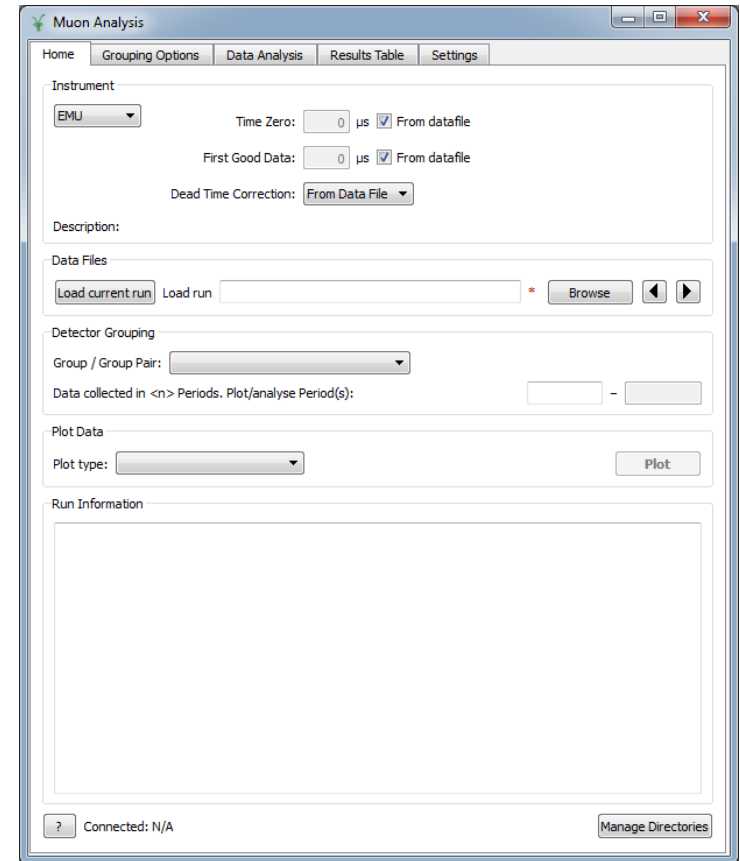
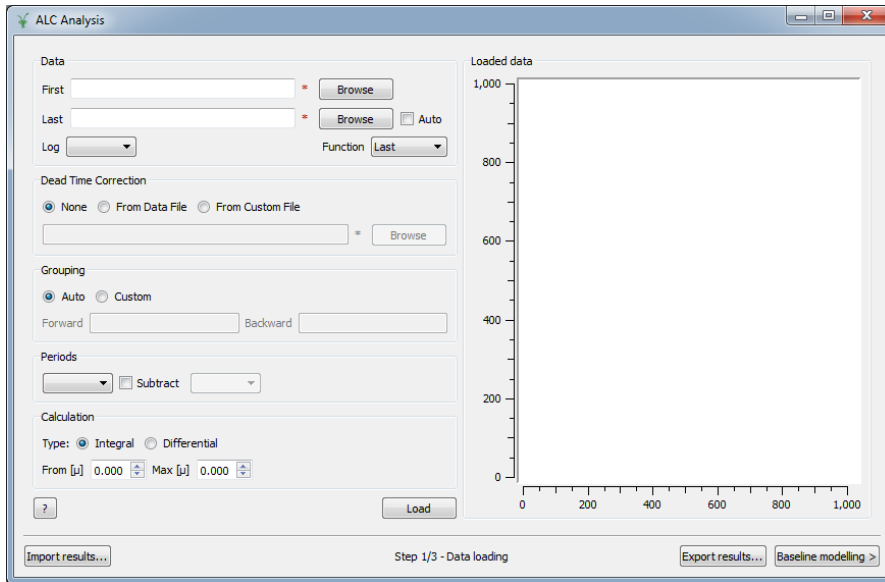
Reflectometry Edit

Process Runs

Run(s)	Angle	Transmission	Run(s)	Q min	Q max	dQ/Q	Scale	Group	Options
1 13460	0.7		13463, 13464	0.01	0.06	0.04	1	1	
2 13462	2.3		13463, 13464	0.035	0.3	0.04	1	1	
3 13469	0.7		13463, 13464	0.01	345	0.04	1	2	
4 13470	2.3		13463, 13464	0.035	0.3	0.04	1	2	

0% Instrument: OFFSPEC Output Notebook Process

ALC vs MuonAnalysis



ALC vs MuonAnalysis

