

Developers' workshop on DAWN.
Draft Agenda
8th and 9th of April 2013, Diamond G59

Monday 8 th April 2013		
Session 1: Introduction and concepts		
0900	Welcome	Alun Ashton
0915	Demonstrations <ul style="list-style-type: none"> • Visualisation, (Matt Gerring) <ul style="list-style-type: none"> ○ 1D, 2D and 3D ○ Tools • Python (Mark Basham) • Workflows (Olof Svensson) • Projects and the workflow through DAWN • Science examples (Jake Filik) 	
1030	Break	
Session 2a: DAWN Developer details (I)		
1045	What is the collaboration, what is expected of a developer in the collaboration, what are the tools and expectations on timescales in the collaboration?	All
1110	Code structure, API's and how to find them (incl file readers, plotting, persistence...), Services (where to find them and what they do)	Matt Gerring
1200	Lunch (RAL Canteen)	
Session 2b: DAWN Developer details (II)		
1300	Metadata structures and diffraction metadata lifecycle	Peter and Jake
1330	Building and testing, future of Build mechanism.	
1430	Hands on: Developers: checkout and build	
Tuesday 9 th of April 2013		
Session 3: New and Future Developments		
0900	Future work on Science tools/areas/implementations	Alun Ashton
1030	Break	
1045	Future work on Python	Mark Basham
1115	Future core DAWN features <ul style="list-style-type: none"> • New widget sets? • Plans for plotting • Volumetric visualisation • Misc e.g. content assist on expression editing 	Matt Gerring
1200	Lunch	
1300	Eclipse 4.2, Java	All
1400	Close	