

DNA Scheduler Meeting

Day 2: Beyond DNA?

What is the Scheduler?

- The bit of DNA which makes the analysis work
- The thing which runs Mosflm/Scala/Truncate
- The “expertise” for analysing the output
- A good starting point for other automation?

What is XIA?

- Scheduler ++
- Essentially a deviation from the “pure DNA” requirements of the scheduler, to allow adventures in other lands
- A starting point for CCP4 automation as well as the future of the DNA Scheduler?

In the Scheduler Today

- Stuff needed by DNA:
 - Indexing, strategy, integration & analysis
- Not much Stuff not needed by DNA (by design...)

In XIA...

- Some things which are not needed by DNA:
 - Heavy atom phasing (noddy)
 - Great automated data processing
 - Spacegroup determination
 - BMP (Ronan's Automated MR)
- The same stuff (nearly) as in DNA as well

So what?

- So, if you want to automate an already well understood process this could take up some of the spade work
- Could also offer a medium for distribution
- Could even hook in to DNA & friends

OK, so what do I have to do?

- Decide what it is you are trying to achieve
- If it looks a little like the stuff in DNA could help then you'll need to think about the process – for instance, for NCD you may need to think about the programs you want to use
- Make the programs available and try to automate the process – start on one thing at a time