

## **DNA Developers Meeting (28-30 June 2004) DL**

### **Attended**

Olof Svensson  
Graeme Winter  
Steve Kinder  
Karen Ackroyd

### **Issues Discussed**

- Errors are occurring when using DNA in online mode. These need to be resolved and more thorough testing is needed especially on beamlines to detect problems earlier.
- Bugzilla to be used for tracking bugs & developments.
- BCM simulator needs test suite and config.
- Project creep should be minimised.

### **Version 1.0**

The original specification for DNA 1.0 has not been met and currently the code is not robust enough for release. In order to achieve a reliable release for late September 2004 the scope needs to be redefined. Subject to approval by the full DNA meeting in Cambridge DNA 1.0 will now contain the following features.

- Resolution added to strategy tab table and strategy recalculated if edited.
- Cell dimensions in auto index tab should not be editable.
- Sample identifier renamed to avoid confusion.
- File browsing in auto index corrected and correct suffix passed & used in ES dependant on detector type.
- Some images break BEST – investigate.
- Number of lines in message window causing display problems in Olof's system. Check other systems and resolve.
- Automatically integrate and scale data displaying output in the message window (further GUI display in V2.0).
- Summary tab added to message area & essential messages tagged (V1.0 or V2.0)?
- Error report capability to be added in status area requires XSD.

### **Features to move to DNA 2.0**

- Automatic screening and ranking.
- Space group determination.

### **Future Work**

- DNA developer's meeting to be held at ESRF late September with beam time for testing.
- Follow up installation of DNA at Hamburg.
- Add 'problem' images to DNA test suite.
- Get commitment to evaluate DNA results from existing test cases from scientific community eg. Soleil.