

DNA Developers Meeting (28-30 June 2004) DL

Attended

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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.