



**LHSG-CT-2003-503420**

**BioXHIT**

**A European integrated project to provide a highly effective  
technology platform for Structural Genomics.**

**Life Sciences, Genomics and Biotechnology for Health**

**WP5.2: De 5.2.12 Integrate the handler into crystallographic pipelines**

**Due date of deliverable: 31.06.2008**  
**Actual submission date: 31.10.2007**

**Start date of project: 1.1.2004**                      **Duration: 60 months**

**Organisation name of lead contractor for this deliverable: CCP4/STFC**  
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## De 5.2.12 Integrate the handler into crystallographic pipelines

Following the work described in an earlier deliverable (De 5.2.9) the database handler was incorporated into the “MrBUMP” crystallographic pipeline. MrBUMP uses the database system to record steps in the pipeline. The visualiser can be used to examine the progress of the pipeline or to review its operation after the pipeline job has completed.

Version 0.4.0 of MrBUMP incorporated the database handler tools and was publicly released in July 2007. Subsequently the pipeline (including the handler) has been integrated into the CCP4 software suite and will part of release 6.1 and future releases.

The MrBUMP website can be found at <http://www.ccp4.ac.uk/MrBUMP>

Releases of the CCP4 software suite can be obtained from <http://www.ccp4.ac.uk>

A CCP4 newsletter article describing the incorporation of the handler into MrBUMP can be found here:

- “Project Tracking System for Automated Structure Solution Software Pipelines”, W. Yang, R. Keegan and P. Briggs, *CCP4 Newsletter on Protein Crystallography* **46** (August 2007)  
<http://www.ccp4.ac.uk/newsletters/newsletter46/articles/project-tracking.html>

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