DISTRIBUTED CONTROL OF PROTEIN CRYSTALLOGRAPHY BEAMLINE 5.0 USING CORBA*

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The Protein Crystallography Beamline at Berkeley Lab's Advanced Light Source is a facility that's being used to solve the structure of proteins. The software that is being used to control this beamline uses Java for user interface applications which communicate via CORBA with workstations that control the beamline hardware. We describe the software architecture for the beamline and our experiences after two years of operation.