

## **APPLICATION OF DCOM FOR ACCELERATOR CONTROLS**

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Microsoft's object model COM and distributed object model DCOM have the merit of enabling transparent development of local and distributed applications. This paper describes our experiences using this technology for building accelerator control applications. At the high level, we discuss a status and error checking application developed at the Advanced Light Source at Berkeley Lab. We then discuss the use of COM/DCOM for low-level device access at the Photon Factory at KEK.