

Using ROOT, Windows, Linux at DØ. To do physics

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DØ is a traditional High Energy Physics collider experiment located at the Tevatron at Fermilab. Similar to recent past and most future experiments almost all computing work is done on Linux using standard open source tools like the gcc compiler, the make utility, and ROOT. I have been using the Microsoft platform for quite some time to develop physics tools and algorithms. Once developed code is uploaded to cvs and production running is done on Linux farms and batch systems. The potential advantages of this system are the tools available on Windows, primarily the development environment and the debugger. However, translation between the two worlds is not easy. This poster will describe the tools and processes used to accomplish this work, along with some discussion of the state of development in both the Linux and Windows.

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