

## **PORTING OF THE TERRY CLEARY SOFTWARE PACKAGE TO UNIX**

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The Perkin Elmer 8/32 computer that had served as the 25-MV tandem control computer and the platform on which the ORIC setup software was run has been retired. Therefore, the set of programs (tcisoc, tceqorb, tcaccel, and tceject) needed to compute the ORIC operating parameters required for a given beam (ion, energy, charge state, etc.) have been ported from the Perkin Elmer to the UNIX platform. All file-handling routines and associated data-file structures were modified to be compatible with UNIX. It was also necessary to write new graphics routines for UNIX and X-windows compatibility. These programs are now available from all workstations (and X-terminals) on our network.