

EASY/Exit™ from DTS Software

- **Does your site use hard-to-maintain system exits?**
- **Do jobs time out waiting for tape mounts?**
- **Would you like to improve DFSMSHsm Recall performance?**
- **Do end-of-month jobs fail due to increased CPU time needs?**
- **Are you running out of Tape Silo slots?**

If you answered 'yes' to any of these questions, ***EASY/Exit™*** is for you! EASY/Exit® eliminates the dangerous, error-prone task of writing, updating, and maintaining systemwide exits such as IEFUTL (job wait time or CPU time exceeded), IEFUSI (user REGION size), or IEFUJI (job initiation). Instead, EASY/Exit® replaces complicated, often unreadable assembler-language exits with easy-to-understand ***ACS-like rules*** that allow system administrators to ***see the logic of these critical routines at a glance.***

Simple, Obvious, Easy-to-Use

Instead of hundreds of lines of esoteric, poorly documented, sometimes obsolete code, sites which use EASY/Exit can rely on the simple yet powerful IF-THEN-ELSE statements of the DTS Software rules language to provide critical functionality in a way that is ***clearly understandable even to the most junior members of the systems programming staff.***

Why Exit Routines?

No operating system, even one as powerful as OS/390 and DFSMS, can provide all the flexibility that is required to meet the needs of every installation. Traditionally, sites have relied on exit routines, written and maintained by skilled programmers, to tailor the operating environment and system processing to fill in the gaps and to extend the reach of the operating system. Other critical systems such as ***DFSMSHsm*** also make use of exits to overcome their limitations.

The Problem with Exit Routines

Many installations have shied away from the use of exits, even when the ***benefits are obvious***, because of the difficulty of writing and maintaining system-level code. Years of assembler-language programming expertise is required, along with great caution. An error introduced into an exit can bring the entire system's processing to a halt. Testing exit routines requires special care, and often frequent IPLs. Once written, exit routines are rarely changed because of the difficulty of revising and maintaining the code.

Reliability and Functionality with EASY/Exit

With EASY/Exit, installations can safely and reliably use the system's exit routines, ***without any assembler code***, to implement systemwide policies and provide new functions that were never available before. By coding a simple series of IF-THEN-ELSE statements, system administrators can automate such tasks as:

- **Extend the timeout limit** for jobs waiting for tape mounts or which need more CPU time
- **Control the amount of allowable region** and hiperspace use for each job
- Specify the **automatic actions** that particular jobs waiting for devices or volumes should take

- Allow the **most important datasets to be recalled first by DFSMSHsm**
- **Control migration** of datasets during DFSMSHsm primary or secondary space management
- Automatically **alert the storage administrator when backup of the DFSMSHsm control datasets fails**
- **Decrease the number of tape silo slots used** by DFSMSHsm tapes inserting them just before they are needed