NASA TECH BRIEF

Goddard Space Flight Center

Program for Creating an Operating System Generation Cross Reference Index (SGINDEX)

The problem:

In almost all kinds of system programming under OS/360 it is necessary to extract information from the sysgen listing (the output of the programs run to create a new operating system). This is true whether one is modifying OS, applying PTF's, or writing subsystems which interface with OS. An easy-to-use but comprehensive cross-reference index of the sysgen was needed to avoid the long and painstaking process of manually paging through the sysgen output.

The solution:

The SGINDEX program collects key data from the Stage II input for an OS/360 sysgen, sorts it, and prints a formatted listing of the index entries collected. A number of parameters are available for controlling the content and format of the output listings.

Notes:

1. SGINDEX is written in PL/1 and uses a region of about 200K in an MVT environment, although this may be decreased by compiling with OPT=0. It requires SYS1.PL1LIB for linkage editing and SYS1.SORTLIB for the OS sort package at run time.

2. Inquiries concerning this program should be directed to:

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