



SW8010

System Utility Package

RESUME

The many utility programs which, together with the File Processor, are part of the System Utility Package offer the user a job control language that provides the facilities ordinarily required when using a computer system. These facilities include:

- Creation and deletion of files.
- Editing and copying of files.
- File back-up.
- Catalog handling.
- Interface to the operating system.

DESCRIPTION

The System Utility Package comprises the File Processor, a collection of utility programs, the ISQ procedures, flexible disc procedures and utilities, and other software.

The File Processor (FP) contains the basic input/output routines and a number of functions for handling parameters for programs.

Each utility program performs its own well-defined task. Typical utility programs are:

- | | |
|------|---|
| SET | which creates an entry in the catalog describing a backing-storage file or, for example, a file on magnetic tape. |
| COPY | which copies one or more files to another file. |
| SAVE | which saves one or more files (possibly all of the user's files) on magnetic tape, especially for back-up purposes. |

By means of the ALGOL compiler (datasheet RCSL 42-i 1293) the user can add new utility programs to suit his own requirements.



The ISQ procedures are a set of external ALGOL procedures that enable ALGOL programs to handle backing-storage files in which records are stored in an indexed sequential structure. Records may be accessed at random by logical key or sequentially.

The flexible disc procedures can be used within the ALGOL system for basic handling of files on flexible disc (RC 3650 and RC 3751 systems). The utility programs provide file back-up facilities for RC flexible disc systems.

SOFTWARE PREREQUISITES

SW8001 Basic System Package (datasheet RCSL 42-i 1275).

For the ISQ and flexible disc procedures also:
SW8500 ALGOL Package (datasheet RCSL 42-i 1293).