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IBM Series/1
Event Driven Executive
Library Summary

This library summary lists the books that comprise the Event Driven Executive library, provides a brief summary of each book in the library and a reading sequence for these books, and presents a list of related publications.

Event Driven Executive Library

The IBM Series/1 Event Driven Executive library materials consist of five full-size books, a quick reference pocket book, and a set of tabs:

- *IBM Series/1 Event Driven Executive System Guide* (or *System Guide*), SC34-0312
- *IBM Series/1 Event Driven Executive Utilities, Operator Commands, and Program Preparation* (or *Utilities*), SC34-0313
- *IBM Series/1 Event Driven Executive Language Reference* (or *Language Reference*), SC34-0314
- *IBM Series/1 Event Driven Executive Communications Guide* (or *Communications Guide*), SC34-0316
- *IBM Series/1 Event Driven Executive Internal Design* (or *Internal Design*), LY34-0168
- *IBM Series/1 Event Driven Executive Reference Summary* (or *Reference Summary*), SX34-0101
- *IBM Series/1 Event Driven Executive Tabs* (or *Tabs*), SX34-0030

Library Summaries

System Guide

The *System Guide* introduces the concepts and capabilities of the Event Driven Executive system. It discusses multi-tasking, program and task structure, program overlays, storage management, and data management.

Planning aids include hardware and software requirements along with guidelines for storage estimating.

The *System Guide* also presents step-by-step procedures for generating a supervisor tailored to your Series/1 hardware configuration and software needs.

The description of the session manager includes a procedure for modifying the session manager to include application programs in the primary option menu so that you can execute them under the session manager. You can also add a procedure to compile, link, and update programs.

Advanced programming topics for the more experienced programmer explain partitioned data sets, automatic application initialization and restart, formatting screen images, and virtual terminal communications.

Utilities

Utilities describes:

- Event Driven Executive utility programs
- Operator commands
- Procedures to prepare and execute system and application programs
- The session manager—a menu-driven interface program that will invoke the programs required for program development
- Messages and codes issued by the Event Driven Executive system

The utility programs, operator commands, program preparation facilities, and session manager are grouped by function and discussions include detailed syntax and explanations.

Language Reference

The *Language Reference* familiarizes you with the Event Driven language by first grouping the instructions into functional categories. Then the instructions are listed alphabetically, with complete syntax and an explanation of each operand.

The final section of the *Language Reference* contains examples of using the Event Driven language for applications such as:

- Program loading
- User exit routine
- Graphics
- I/O level control program
- Indexing and hardware register usage

Communications Guide

The **Communications Guide** introduces the Event Driven Executive communications support—binary synchronous communications, asynchronous communications, and the Host Communications Facility.

The **Communications Guide** contains coding details for all utilities and Event Driven language instructions needed for communications support.

Internal Design

Internal Design describes the internal logic flow and specifications of the Event Driven Executive system so that you can understand how the system interfaces with application programs. It familiarizes you with the design and implementation by describing the purpose, function, and operation of the various Event Driven Executive system programs.

Unlike the other manuals in the library, **Internal Design** contains material that is the licensed property of IBM and it is available only to licensed users of the Event Driven Executive system.

Reference Summary

The **Reference Summary** is a pocket-size booklet to be used for quick reference. It lists the Event Driven language instructions with their syntax, the utility and program preparation commands, and the completion codes.

Tabs

The tabs package must be ordered separately. The package contains 33 index tabs by subject, with additional blank tabs. These extended tabular pages can be inserted at the front of various sections of the library. The tabs are color coded according to the major library topics—yellow for systems, red for utilities, white for messages, and blue for communications.

Reading Sequence

All readers of the Event Driven Executive library should begin with the first three sections of the **System Guide** ("Introduction," "The Event Driven Executive Supervisor/Emulator," and "Data Management") for an overview of the Event Driven Executive concepts and facilities.

Readers responsible for installing and preparing the system should then continue in the **System Guide** with "System Generation" and "System Configuration."

All readers should review the **Utilities** "Introduction" to become familiar with the utility functions available for the Event Driven Executive system. Then you can read more specific sections for particular utilities, operator commands, and program preparation facilities.

After you have a basic understanding of the Event Driven Executive system and how you can best use the system for your applications, you should read the **Language Reference** "Introduction." This will familiarize you with the potential of the Event Driven language and prepare you to start coding application programs.

If you have communications support for your Event Driven Executive system, you should read the **Communications Guide**, which is an extension of the **System Guide**, **Utilities**, and the **Language Reference**.

After you know the functions of the various Event Driven language instructions, utilities, and program preparation facilities, you may wish to refer only to the **Reference Summary** for correct syntax while coding your applications.

Only readers responsible for the support or modification of the Event Driven Executive system need to read **Internal Design**.

Related Publications

This section lists the publications for related licensed programs:

- **IBM Series/1 COBOL Language Reference**, GC34-0234

- **IBM Series/1 Event Driven Executive COBOL Programmer's Guide**, SL23-0014

- **IBM Series/1 FORTRAN IV Language Reference**, GC34-0133-1

- **IBM Series/1 Event Driven Executive FORTRAN IV User's Guide**, GC34-0315

- **IBM Series/1 Mathematical and Functional Subroutine Library User's Guide**, SC34-0139-1, and the Technical Newsletter, SN34-0516

- **IBM Series/1 Macro Assembler Reference Summary**, SX34-0128

- **IBM Series/1 Event Driven Executive Macro Assembler Reference**, GC34-0317

- **IBM Series/1 Event Driven Executive Sort/Merge Programmer's Guide**, SL23-0016

GC34-0344-0