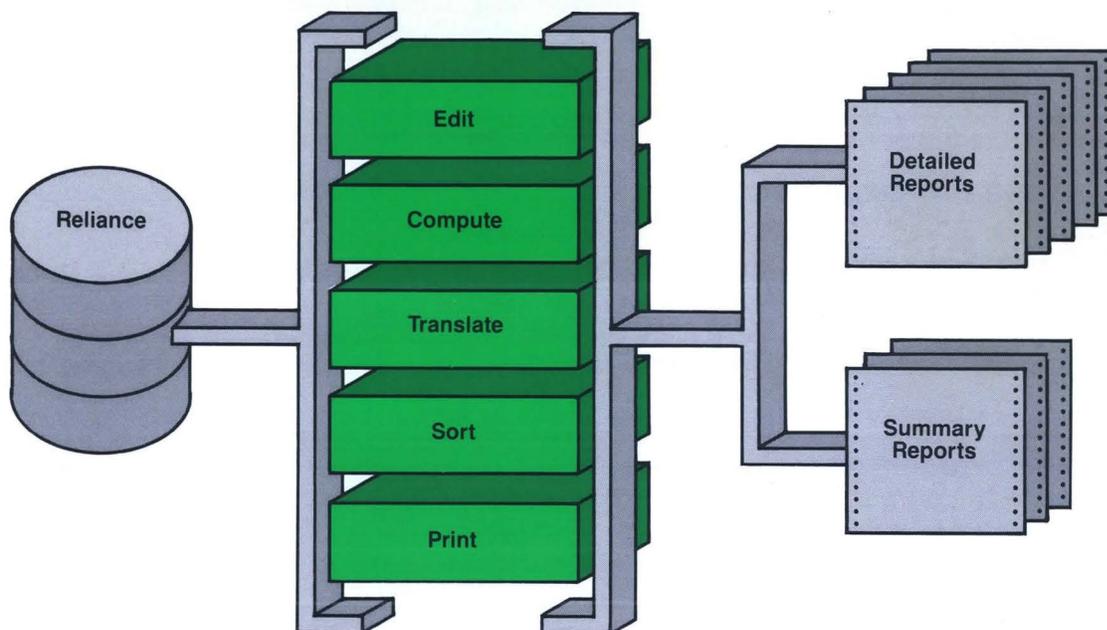# REPORTER/32

Report Generation Software

Reporter/32 extracts data from a Reliance database to generate planned, well-formatted reports.

Product Overview

REPORTER/32 is Perkin-Elmer's powerful report generation software package for Series 3200 Computers. Fully integrated into Perkin-Elmer's Reliance Transaction Processing/Database Management System and OS/32 Operating System, REPORTER/32 provides a fast, easy-to-use report generation facility with built-in edit, computation, translation, sort, and print facilities.

REPORTER/32 complements the existing basic report generation capability of RQL/32 by offering a high degree of format flexibility and extensive computational/sorting capabilities.

With REPORTER/32, the need to write custom report programs is eliminated. An interactive, non-procedural forms specification is used for both detailed and summary reports. Layouts are entirely specified by the user, including text in any position, report/page headings and footings, and data-dependent layouts.

Report data is extracted from existing Reliance relational databases, providing immediate benefit to current Reliance users since they are not required to modify data or applications.

Features/ Benefits

- REPORTER/32 provides the non-programming user with a means for generating planned, well-formatted reports quickly and easily.
- Flexible editing commands and windowing aid the user in producing clear, concise report presentations in minimum time.
- Total flexibility of report layout allows the user to generate the exact format required.
- REPORTER/32 has easy-to-use computational features-eliminating time-consuming hand computations.
- Sorting in ascending or descending order, keyed to any field, allows for presentation of the data in exactly the order required.
- Special characters allow custom tailoring to the application.

- The database, data views, and report specifications are all protected by the security, integrity mechanisms built into Reliance, which include multilevel password protection and on-line database backup.
- Report specifications may be stored for future use or modified to fit similar applications, saving time and effort.
- Report data need only be extracted once, and then used for a multiplicity of reports, saving time where the same data is used more than once.
- Both detailed and summary reports may be easily produced for tailoring the report to specific audiences.
- An on-line HELP facility enables the novice user to become productive within a short period of time.

Product Description

REPORTER/32 has extensive computational and sorting capabilities. Sorting in ascending or descending order is possible on any specified data field in any position. The computational facilities include, in addition to the basic arithmetic operations and statistical functions, the ability to sub-total, cross-total, and grand-total columns and rows of data. Conditional computational control, in which the execution of a computation can be made dependent on a value, permits data-dependent computations to be built into the report specification. Arithmetic combinations of fields and/or values include add, subtract, multiply, and divide operators. REPORTER/32 can also find the arithmetic sum of all the values of a field; count the number of distinct values of a field; find the average, greatest, or smallest value of a field; and find the first or last value of a field.

It is also possible to convert the value of a field to another value according to a specified table. This is useful, for example, for translating "M" to "Male", and "F" to "Female".

REPORTER/32 directs detailed reports or summaries to a printer with multiple copy specification, or to a disk for subsequent printing, archival storage, or network transfer. The insertion of any character as a data prefix or suffix at format generation time allows for dollar signs, units, or other identifiers to be appended to any field. Editing features include facilities for triangular reports, character insertions, floating characters, zero padding, blank filling, and non-standard alignments. The "Check Protect" feature pads spaces in the data field with a user specified character for printing checks and other documents that require tamper-proof output. Coded data may be translated prior to printing to generate more intelligible documents.

System Requirements

Minimum Hardware Requirement

Any Series 3200 Processor configured for Reliance

Minimum Software Requirement

OS/32 Rev 6.2 or higher

Reliance Rev 7.0 or higher

or

Reliance PLUS Rev 2.0 or higher

Product Numbers

S71-057 REPORTER/32 (Group I)

S72-057 REPORTER/32 (Group II)

S73-057 REPORTER/32 (Group III)

Related Documentation

48-143 REPORTER/32, User Guide

48-144 REPORTER/32, User Reference Card

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The information contained herein is intended to be a general description and is subject to change with product enhancement.

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Printed in U.S.A.

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