

Software Product Description

PRODUCT NAME: APTuser™ Runtime for VMS, Version 2.3

SPD 27.W5.00

DESCRIPTION

APTuser/Runtime System (RTS) is a report production tool for the VMS operating system. It produces reports based on definitions generated by the APTuser report development system. APTuser/RTS is a subset of the APTuser development system.

APTuser/RTS contains all the elements necessary for the setup of a runtime environment and the production of APTuser reports. User applications that integrate APTuser by means of the APTuser API can work with APTuser/RTS interchangeably.

Any report defined using APTuser development system can be produced, provided that the APTuser/RTS version number is adequate. APTuser/RTS can access data stored by RMS, Rdb/VMS, ORACLE®, ADABAS™, and INGRES®, depending on the selected database gateways.

Features

The range of values on which a report will run can either be entered by the report operator at runtime, or it can be entered by APTuser-integrated user applications.

The entered ranges are validated against their original definition in the data dictionary. The user can specify a from-to type range or a list of such ranges. Various combinations of standard relational operators are supported. Wildcards, using the VMS convention, are supported.

Report Activation

APTuser/RTS supports reports activation by the following means:

- As a command with parameters (from DCL)
- Using the APTuser/RTS menu facility (set up using the development system)
- Via API calls from a user application program (set up using the development system)

Report Output

APTuser/RTS reports output can be printed on a hard-copy device, sent directly to the user's terminal for browsing, or stored on disk for later printing or future use by other programs such as spreadsheets or graphic generators.

Security

APTuser/RTS offers various levels of user capabilities. These are inclusive, i.e., a user can have all or partial privileges. The controlled capabilities are:

- Super user access to security definitions
- User interface access to the APTuser/RTS Action bar
- Spooler access to the Spooler utility
- DCL access to a spawned DCL process
- Services access to maintenance services
- Security rating capability to modify security rating

In addition to these controls, APTuser/RTS recognizes existing VMS and database protection, as well as user-written security functions defined by means of the APTuser API.

Spooler Management

APTuser/RTS provides a spooler that manages report output files and acts as an intelligent front end to the VMS print services.

The spooler can:

- Submit report printing to print queues
- Control various print queue parameters
 - Print immediately or defer for a specific time
 - Number of copies
 - Print job priority
 - Flag and burst printing
 - Print from page to page
- Display information from print queues

- Display information about reports' output
 - Report name (category)
 - Creator's username
 - Time of last printing
 - Success/Failure code of last print
 - Size of report (pages)
- Re-print or delete reports' output

The user has the option to disregard the spooling feature.

HARDWARE REQUIREMENTS

APTuser/RTS can run on any VAX, MicroVAX, VAXstation, or VAXserver configuration supporting the required software versions listed in the *SOFTWARE REQUIREMENTS* section below.

SOFTWARE REQUIREMENTS

VMS Operating System V5.2 or higher

OPTIONAL SOFTWARE

Access to Rdb/VMS requires runtime VAX Rdb/VMS V3.0 or higher.

Access to CDD/Plus requires runtime CDD/Plus V4.0 or higher.

Access to ORACLE requires runtime ORACLE V5 or higher.

Access to INGRES requires runtime INGRES V6.3 or higher.

Access to ADABAS requires runtime ADABAS V2.1 or higher and PREDICT® V3.1 or higher.

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

DISTRIBUTION MEDIA

9-track 1600 BPI Magtape, TK50 Streaming Tape

ORDERING INFORMATION

The complete APTuser/RTS kit can be ordered under the following number: Q*-00JA*-**

The following items can also be ordered separately:

Personal Software License: QL-00JAA-2B
 Traditional Software License: QL-00J**-AA
 Concurrent Software License: QL-00JAA-3B
 Software Documentation only: QA-00JAA-GZ
 Software Media and Documentation: QA-00JAA-H*

* Denotes variant fields. For additional information on available licenses, services, and media, refer to the appropriate price book.

SOFTWARE LICENSING

This software is furnished under the licensing provisions of Digital Equipment Corporation's Standard Terms and Conditions. For more information about Digital's licensing terms and policies contact your local Digital office.

SOFTWARE WARRANTY

None.

This software is provided "AS IS" without any warranty of any kind, either express or implied.

The above information is valid at time of release. Please contact your local Digital office for the most up-to-date information.

® INGRES is a registered trademark of Relational Technology.

® ORACLE is a registered trademark of Oracle Corporation.

® PREDICT is a registered trademark of Microelectronics Center of North Carolina.

™ ADABAS is a trademark of Software AG of North America.

™ APTuser is a trademark of International Software Group, Inc.

™ The DIGITAL Logo, CDD/Plus, Digital, MicroVAX, Rdb/VMS, TK, VAX, VAXserver, VAXstation, and VMS are trademarks of Digital Equipment Corporation.