Papyrus DocEXEC 7

High-speed dynamic text and data formatting across all platforms

Forms as document building blocks

Data field placement

Text alignments: left, right, center, justify, decimal

Merge variables into text elements

Relative positioning

Color support

Rules, boxes, shaded areas, logos, signatures

Pie, bar and line chart types from variables

Fully automatic pagination with all page break controls
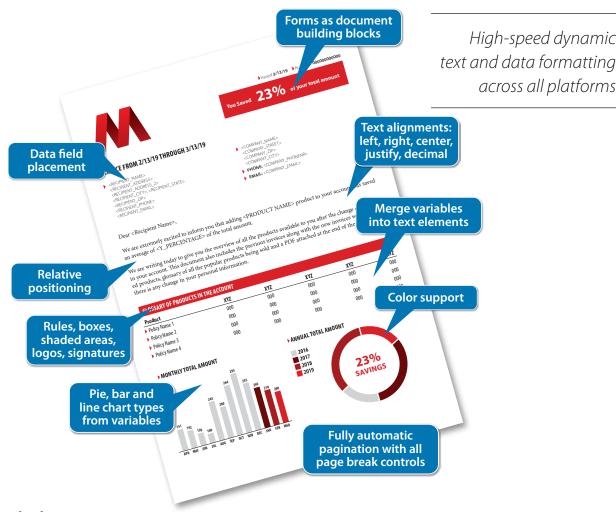
Product Description

Papyrus DocEXEC is the document formatting component of the *Papyrus Document System* for z/OS native, z/OS Unix, z/Linux, AIX, HP-UX Itanium, Solaris, Linux and Windows.

- High volume production of conditionally customized and formatted statements and documents
- Design dynamic documents with graphical elements such as shadings, tables, diagrams and angled text.
- Format text and data based on conditions
- Import and enhance existing IBM standard PAGEDEFs
- Create AFP and PDF output with indexing and full color support

- Automatic page and text formatting with full pagination control and page numbering options
- Powerful 2D and 3D chart creation
- Documented source code enables subroutines, macros and modularization
- Throughput up to several million pages/hour, depending on hardware and number of objects/page
- Print and E-Delivery for multi-channel output (e.g. IPDS, Postscript, PCL, fax and e-mail)
- Support for any type of data record, format and sequence: ASCII, EBCDIC, XML, HTML, COBOL, SAP formats

Benefits

- Development is totally independent of printers and platforms in use
- Dynamic, high-speed text and data formatting across all platforms
- A central resource library for AFP and document definitions
- Generate up to several million A4 pages/hour
- Single step execution from data to document
- Pre-compiler technology for high-performance formatting
- Print and E-Delivery for multi-channel output (e.g. IPDS, Postscript, PCL, fax and e-mail) using Papyrus Server
- Guaranteed compatibility between product versions
- Upward compatible PPFA syntax
- Absolute code page control from design to print, fully independent of operating system and printer
- Multiple languages per page
- Share document elements such as fonts, text blocks, logos, and forms between host, Unix and Windows environments
- Direct PDF output

Data-Interface Functions

- No special input data format required.
- Advanced XML support
- Variable extraction from input in fixed or delimited format
- Any type of record in any sequence
- Flexible data handling with ANSI channel functions and repeated input records and lines
- Powerful string manipulation
- Document logic can be dynamically controlled based on actual input data
- Variable arrays for large data volumes.
- Variable array sorting
- SQL interface for relational database read and write
- Support for COBOL format conversion (picture/binary/packed)
- PQL (Papyrus Query Language) interface to Papyrus WebRepository

Logic Functions

- Comprehensive scripting language
- Mathematical formulas
- Call DOCFORMAT subroutines depending on variable content
- Call externally stored macros
- Variable array sorting functions
- If-then-else and for-loop logic
- Select/Case statements
- String manipulation functions
- System date & time functions

Layout Functions

- Combined page layout and text style formatting
- Total control of vertical and horizontal element positioning
- Absolute control over sheet, front and back of page, logical pages and orientation
- Automatic pagination and margins, with break and keep controls
- Dynamically embedded forms, graphics, and images
- Comprehensive formatting options for number, date, time and currency values
- Dynamic generation of full-color 2D and 3D diagrams
- Draw rules, boxes and shapes with many line styles and shadings
- Tables with optional repetition of headers and footers after page breaks
- Spot and full color support for texts, boxes, shadings, diagrams, logos, etc.
- Scalable images and logos
- Print variable text at any angle
- Text can be inverted, rasterized or printed with a shaded background
- Format your documents to 240, 300 or 600 dpi
- Re-ordering of pages after formatting, creation of tables of contents and output to multiple/different files
- Print all OMR and bar codes, 2D Datamatrix, PDF417, QR
- AFP pages can be sorted and merged in page buffer
- Import and scale TIFF, HPGL2
- Import true color TIFF

Resource Functions

- Utilize standard AFP resources in 240, 300 and 600 dpi
- Resource information is read directly from AFP
- Resources can be retrieved based on variable values, allowing for resource selection by language, gender, etc.
- Windows or Adobe font styles can be used on all platforms and printers
- The use of raster fonts makes high-performance printing possible
- AFP outline fonts are fully supported.
- Scalable images and graphics
- Direct access to versioned resources in the WebRepository

Print Control Functions

- *Papyrus DocEXEC* enables the developer to switch input paper bins at any point in time during document printing
- When outputting to different print files, each can use its own forms and OMR technology for postprocessing
- Support for application controlled duplex and N-up printing
- Print-time operator controlled N-up printing with FORMDEF
- IBM ACIF-compliant output enables easy archiving, bundling and reprinting of documents based on index values
- IBM ACIF compatible resource groups in document file

Prerequisites

- z/OS 2.1/2.2/2.3 or z/Linux or
- Windows Vista/7/8/10/Server 2008/Server 2012/Server 2016 or
- AIX 6.1/7.1 or
- HP-UX Itanium 11.31
- Solaris V10/V11
- Linux (SLES 11/12, RHEL 5/6/7)

- AFP compatible print services such as Papyrus Server or IBM PSF
- Access to AFP resources

Order Information

Papyrus DocEXEC 7
for z/OS native, z/OS Unix, z/Linux, HP-UX Itanium, AIX, Solaris, Linux or Windows
Standard version: Single processor server or up to 20 mill pages/year
Extended version: unlimited processor server and unlimited number of pages

Training

ISIS Papyrus offers customized in-house workshops as well as standard courses for user training.

Maintenance

The General Terms and Conditions for Papyrus Software Products apply. The free service period is 6 months from installation. After this period an optional maintenance contract is offered.