

► Feature list

Supported industry standards

- Java 2 platform 1.3 and 1.4
- SOAP (Simple Object Access Protocol)
- XML (Extensible Markup Language 1.0)
- XSL (XSL Transformations 1.0 and XSL Formatting Objects 1.0)
- JDBC (Java Database Connectivity 2.0)
- XPath (XML Path Language 1.0)
- XHTML (Extensible Hypertext Markup Language 1.0)
- CSS (Cascading Style Sheets 2)
- PCL (Printer Control Language 5)
- **NEW!**AFP (Advanced Function Printing)
- **NEW!**RTF (Rich Text Format)

Supported platforms

- Platform independent core functionality (Java 2 platform)
- Platform specific extensions for additional ease of use
 - Microsoft Windows
 - Install/uninstall using Installshield wizard
 - Start Scriptura using icons in Windows Start menu
 - Shell file extension association
 - Integration with 3rd party tools like Acrobat Reader
 - Support for native windows file dialog
 - IBM eserver iSeries (AS/400)
 - Install/uninstall as IBM Licensed Program
 - Start Scriptura using native CL commands
 - Output to a stream file in the Integrated File System or to a spooled file
 - Uses native iSeries Developer Kit for Java JDBC driver
 - **NEW!**Compatible with OS/400 V5R3 (i5/OS)

Advanced Document Composition

- Text box object
 - Grows when dynamic data is inserted
 - Supports word wrapping
 - Text properties
 - font
 - size
 - color
 - bold
 - italic
 - underline
 - strikethrough
 - **NEW!**subscript
 - **NEW!**superscript
 - Paragraph properties
 - alignment (left, right, center, justify)
 - paragraph spacing
 - **NEW!**first line indent

- **NEW!** start indent
- **NEW!** end indent
- **NEW!** keep properties
- **NEW!** break before
- **NEW!** break after
- **NEW!** orphan lines
- **NEW!** widow lines
- **NEW!** space before
- **NEW!** space after
- **NEW!** line height
- Text object can contain other objects inline
- Property conditions
 - Based on dynamic data
 - Sets value of property of object
- Multi-lingual capabilities
- Line object
- Rectangle object
- Image object
 - Supports JPG, GIF, PNG
 - Support for dynamic data images and images from an url
 - Lock aspect ratio
 - Support for dynamic SVG images
- Table object
 - Can be nested
 - Rows are added when dynamic data is inserted
 - Cell splitting, merging and spanning
 - Running headers and footers
- **NEW!** Container object groups other objects
 - **NEW!** Reduces the need to use tables when multiple objects need to be grouped
 - **NEW!** Allows dynamic content just like tables
- List object
 - Can be nested
 - List items are added when dynamic data is inserted
 - Numbered lists and bulleted lists
- Bar code object
 - Uses static or dynamic data
 - Supports Code 39, Code 93, Code 39 Extended, Code 93 Extended, US Postal Service Code (PostNet), Universal Product Code A (UPC-A), Universal Product Code E (UPC-E), European Article Numbering 8 (EAN-8), European Article Numbering 13 (EAN-13), Code 128, Codabar (Code 2 of 7), Interleaved 2 of 5, Standard 2 of 5, Code 11 (or USD-8)
 - Possibility to recalculate or add checksum
 - Specify height and scaling
 - Specify to show text or hide text
 - Specify quiet zones
 - Specify vertical and horizontal alignment
- Page object
 - Force page number property
 - Generate a dynamic number of pages
 - Multiple columns (news-paper style columns)
 - Virtual page lengths in Designer allow more content on page that actually fits. Server will split content over multiple pages.
- Common object properties
 - Position (x, y)

- Absolute: object position is fixed on page
- Relative: object position flows with dynamic data
- **NEW!** Keep properties
 - **NEW!** Keep together
 - **NEW!** Keep with next
 - **NEW!** Keep with previous
 - **NEW!** Space before conditionality
- Dimensions (width, height)
- Margins (top, right, bottom, left)
- Border line (color, width), with fractional border widths (1/4 pt, 1/2 pt, ...)
- break after and break before properties with conditions
- Show objects on first page, last page, other pages or all pages (in header/footer/left/right region)
- **NEW!** Objects with absolute positioning can now be placed in the background (for 'watermark' functionality)
- Share documents using password protected objects
- ISV support

Dynamic data

- Insert XML data using XPath expressions
 - Wizard to build XPath expression
 - Data selection using conditions
 - Sorting
 - Data formatting
- Insert JDBC data using SQL statements
 - Wizard to build SQL statement
 - Data selection using conditions
 - Sorting
 - Data formatting
 - Multi-lingual settings can be used to influence decimal separator, grouping separator, currency symbol etc
- **NEW!** *New Text Data Source* allows data from a text file or iSeries spooled file to be used in templates
 - **NEW!** The graphical interface to define elements in a text data source is integrated into the Scriptura XBOS Designer
 - **NEW!** Define different elements
 - **NEW!** A *field* identifies runtime data to be made available in the template
 - **NEW!** A *variable* identifies runtime data for use in conditions
 - **NEW!** A *group* combines fields, variables and other groups
 - **NEW!** Specify the X-Y position of elements
 - **NEW!** Relative to the parent element
 - **NEW!** Relative to an other element
 - **NEW!** Specify how an element repeats
 - **NEW!** Direction: left, right, up or down
 - **NEW!** Offset relative to previous occurrence
 - **NEW!** The stop condition specifies when the repetition stops
 - **NEW!** Formatting
 - **NEW!** Paragraph detection allows paragraphs to be detected in large blocks of text
 - **NEW!** Line formatting allows leading and trailing characters to be removed
 - **NEW!** Combine elements

- **NEW!** Group and ungroup elements for structuring data and improve manipulation
- **NEW!** Move elements in the content outline using drag and drop
- **NEW!** Logical pages allow multiple pages to be treated as one single page to facilitate lists and tables that span multiple pages
- **NEW!** Unmapped data contains data that is not defined in an element
- **NEW!** Text selection tool copies static text to the template
- **NEW!** Export iSeries spooled file to a text file for working offline
- **NEW!** Templates can mix multiple data sources
 - **NEW!** One template can use multiple data sources
 - **NEW!** One template can mix different types of data sources
 - **NEW!** Data field queries can use variables from other data sources to link data together
- External variables
- Current date/time
 - Date/time can be formatted according to multi-lingual settings to format with correct language
- Pagenumbers
 - Retrieve current page number
 - Retrieve total number of pages
- Property conditions
 - Based on dynamic data
 - Sets value of property of object
- Custom datafield markup using user-customizable stylesheets
- Generate multiple copies based on dynamic data

Documentation

- Included in PDF format

Scriptura Designer

Easy to use

- Wizards
 - No programming required
 - Advanced mode for experts
- Cut, copy and paste
- Object grouping, ordering and alignment
- Drag and drop
- Context sensitive toolbar and menus
- Multi level undo/redo
- Ruler bars
- Snap to grid
- Properties pane provides easy access to object properties
 - Sort by properties by name or category
 - Direct access to property wizards and dialogs
- Multiple document interface (MDI)
- Content Outline panel displays overview structure and hierarchy of objects
- Zoom
- Insert symbol dialog
- **NEW!** Floatable and dockable windows allow drag and drop customization of the user interface
- **NEW!** Data Field Panel provides quick access to data fields
 - **NEW!** Supports drag and drop of data fields to the template
- **NEW!** Realtime Preview shows output in the user interface
- **NEW!** Full screen mode maximizes visible area of the user interface
- **NEW!** Selecting an object in the content outline always makes it visible
- **NEW!** Save properties of current object as default object properties
- **NEW!** Apply default object properties to current object
- **NEW!** Align multiple objects
- **NEW!** Distribute multiple objects
- **NEW!** Make multiple objects the same size
- **NEW!** Added collapse functions to the content outline
- **NEW!** Double clicking on a template will reuse the Scriptura XBOS Designer that is already open

NEW! Final Format Preview

- **NEW!** Preview a resolved version of your document
 - **NEW!** Any format supported by the Scriptura XBOS Server
 - **NEW!** Requires a Scriptura XBOS Server

NEW! Samples and Documentation

- **NEW!** Includes more than 45 sample templates showing different functions
- **NEW!** Access to the installed HTML documentation from the Help menu
- **NEW!** Access to online information from the Help menu

Customizable

- Default directory
- Customizable grid

- Measurements: metric, imperial
- Interface layout
- Auto save
- Backup original

NEW! Import

- **NEW!** Scriptura XBOS Designer allows importing of existing XSL-FO documents

Scriptura Server

Input formats

- Scriptura Document
- XSLT
- XSL-FO

Output formats

- PDF (Adobe's Portable Document Format)
 - Encryption
- XHTML with CSS (Extensible Hypertext Markup Language with Cascading Style Sheets)
- XSL-FO (Extensible Style Language - Formatting Objects)
 - Compliant to the XSL 1.0 specification
- PCL5
 - Duplex printing
 - Multiple copies
- **NEW!**AFP
 - **NEW!**Support for AFP overlays
- **NEW!**RTF
- **NEW!**XML
 - **NEW!**Outputs a text data source to XML
- **NEW!**Output configuration
 - **NEW!**Specify mapping of fonts depending on output format
 - **NEW!**Specify embedding of fonts depending on output format

NEW!Event Handler

- **NEW!**Monitors directory or iSeries output queue
- **NEW!**Generates output
- **NEW!**Executes a post process action
 - **NEW!**Delete file / spooled file
 - **NEW!**Move file / spooled file
 - **NEW!**Zip file
 - **NEW!**Email file
 - **NEW!**Write to log
- **NEW!**Includes sample configuration files

Interfaces

- GUI Wizard
 - Interactive usage
 - Easy to use
 - No programming required
 - Can connect to remote SOAP server
- Java API
 - Integration in Java based applications
 - Integration in Web Application Servers like IBM Websphere, Apache Tomcat,...
 - Includes documentation in Javadoc format, and sample programs
 - Can connect to remote SOAP server

- **NEW!** C++ API
 - **NEW!** Integration in C++ based applications
 - **NEW!** Includes documentation and sample programs
 - **NEW!** Can connect to remote SOAP server
- iSeries (AS/400) CL commands
 - Integration in existing RPG, COBOL or CL applications
 - No Java knowledge required
- Command line
 - Integration in shell scripts and batch files
 - Can connect to remote SOAP server
- SOAP interface
 - For easy integration into other programming languages (.NET, C++, C# etc)
 - For easy integration into Web Application Server (WebSphere, WebLogic, Tomcat, Jetty, ...)
 - To allow clients to connect to a remote server
- Override design data sources with production data sources