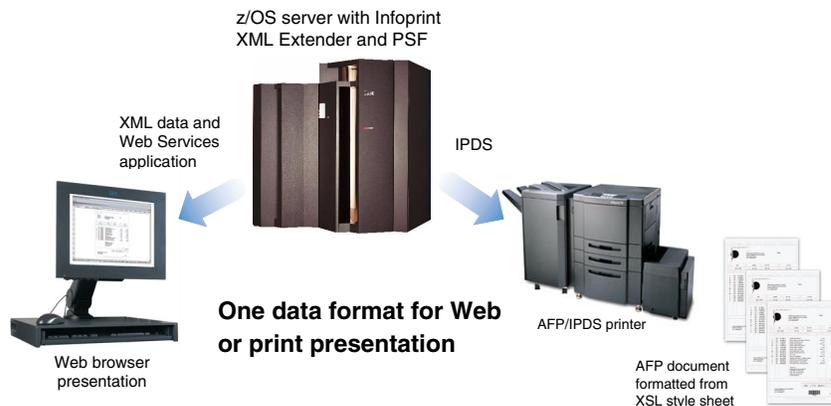


IBM Infoprint XML Extender for z/OS



One data format for Web or print presentation

Highlights

- **Uses standard XSL formatting to connect XML data to AFP system-managed printing**
- **Accelerates business transformation using XML by preserving the existing AFP output system**
- **Provides an end-to-end XML formatting and output solution backed by IBM service and support**
- **Provides significant formatting capabilities for XML documents**

Enabling e-business initiatives

A dominant format for data interchange, XML (Extensible Markup Language) is a strategic infrastructure technology for enabling e-business initiatives, especially Web services, across different computing platforms.

IBM Infoprint® XML Extender for z/OS™ allows companies that are using XML for data interchange to leverage their Advanced Function Presentation™ (AFP™) printing environment. It preserves the benefits of AFP system-managed printing with error recovery and integrated accounting for XML applications without having to produce two data formats.

Connecting XML data to AFP

The heart of Infoprint technology, AFP provides a standard, platform-independent method for output management. Emerging as a key corporate infrastructure technology, XML presents a standard method for processing platform-independent data. Thus, XML support is critical for applications that store, process or output data from a range of sources. Infoprint XML Extender enables XML applications to be printed on AFP printers using standard XSL (Extensible Stylesheet Language) formatting.

Protecting your investment in existing systems

Today's e-business initiatives treat content as data, driving the need to store information in databases as XML. While companies most often present XML content over the Web, they frequently will produce printed documents as well. Companies with existing AFP output systems can use Infoprint XML Extender to deploy XML-based applications without worrying about output system compatibility.

IBM Infoprint XML Extender for z/OS

Summary

Print XML data formatted with XSL stylesheets or XSL-FO on AFP printers

Software Requirements

Runs on OS/390 V2R10 or any release of z/OS or z/OS.e

Can be installed as a managed transform with the Infoprint Server feature of OS/390® or z/OS
Can be installed and used without the Infoprint Server feature of OS/390 or z/OS

Co-requisites/Prerequisites

A program to create XSL style sheets for formatting (not included as part of offering)

Taking advantage of a fully-supported XML output solution

XML and XSL standards are set by the Worldwide Web Consortium (W3C). Many necessary XML tools are available only as “freeware”, forcing companies to create comprehensive solutions through internal integration. Conversely, Infoprint XML Extender provides an XSL Translation and Composition process that generates files ready for printing with IBM’s flagship AFP system-managed output solutions. And it’s backed by IBM service and support, which provides a single point of contact.

Supporting fully flexible XSL formatting

Now companies can choose between high-speed XML printing with PSF and fully flexible XSL formatting for AFP printing through XML Extender.

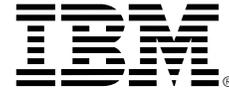
The PSF solution uses a special type of page definition to merge the XML data and formatting elements in one step to produce an Intelligent Printer Data Stream™ (IPDS™). The result is a highly efficient process that allows print jobs to run at or near rated speed on AFP production printers.

On the other hand, Infoprint XML Extender can produce AFP from an XML document by using an XSL style sheet to transform the document into an intermediate format known as an XSL-Formatting Object (XSL-FO). The XSL-FO is then composed into AFP. This two-step process enables Infoprint XML Extender to accommodate either XML documents with XSL style sheets, or XSL-FO documents as input in the production of AFP for highly flexible formatting.

For more information

To learn more about IBM Infoprint XML Extender for z/OS, please visit: ibm.com/printers

For additional information on XML, please visit IBM DeveloperWorks at: www-106.ibm.com/developerworks/XML



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