

Paper 36-27

Introduction to AppDev Studio™ Version 3.0

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ABSTRACT

AppDev Studio Version 3.0 will be shipping soon. AppDev Studio provides a single interface for the development of thin-client and power-client business intelligence applications. It is the first suite of application development products tailored specifically for developing information delivery applications. It draws upon the proven strengths of SAS® software, including an open architecture for developing solutions on every major web standard on both the server and the client side.

This presentation will highlight many of the enhancements that have been made to this release of the software. Live demonstrations of the new features to be delivered in AppDev Studio 3.0 will be provided.

An expanded version of this paper will be made available on the web by SUGI. You can find the final version of this paper under the Reference link on the AppDev Studio Developer's Site (<http://www.sas.com/md/appdev>).

INTRODUCTION

With AppDev Studio from SAS, you have everything that you need to create Java client applications and applets; Java server applications (web applications, Java servlets, JavaServer Pages, Enterprise JavaBeans); CGI/HTML applications; Active Server Pages applications and traditional full-client applications that can seamlessly exploit the power of the SAS system.

This paper will focus primarily on enhancements to the Java-based technologies available with AppDev Studio.

APPDEV STUDIO VERSION 3.0 ENHANCEMENTS

The key drivers for the AppDev Studio version 3.0 development effort were to provide support for new SAS Version 9 services; implement J2EE 1.3 compliant web application development support; provide enhanced Java development environment capabilities; and deliver a number of frequently requested enhancements and new components.

WEBAF™ DEVELOPMENT ENVIRONMENT ENHANCEMENTS

- Team development enhancements including source code control support via Microsoft SCC interface
- Build process uses the open-source Jakarta Ant build tool; batch builds are supported
- Source editor supports DBCS
- Improved intelligent editing support (method completion, parameter help tips, etc.)
- Debugger enhancements (data tips, watch window enhancements)
- New diagnostic tools
- Accessibility improvements

WEB APPLICATION DEVELOPMENT ENHANCEMENTS

- Support for the Java Servlets 2.3 and JavaServer Pages 1.2 specifications
- New "Web Application" project type to support development of J2EE compliant web applications
- Ability to import existing web applications
- WAR file packaging support
- Web application debugging
- HTML editor supports style sheets

NEW JAVA COMPONENT FEATURES

- Support for the SAS Version 9 OLAP Server
- Enhanced support for Java Database Connectivity (JDBC)
- New RemoteFileSelector component that supports selection of files from a SAS server
- New Swing based implementations of various components including TableView and OLAPTableView
- Accessibility improvements

NEW TRANSFORMATIONBEAN™ AND JSP CUSTOM TAG FEATURES

- New TransformationBeans and associated custom tags including:
 - OLAPTableView to support access to the V9 OLAP server
 - ODSOutput to support embedding ODS output in a JSP page
 - DataBean to allow record level access to tables (such as SAS datasets) via JDBC
 - Login to provide user authentication support
 - DualListSelector
- Enhancements to TableView, MenuBar, TreeView, Form and Form Elements, Charts, and iPage beans
- Support for Java Swing models
- Accessibility improvements

This paper will detail these enhancements along with additional new features that Version 3 of AppDev Studio provides to help you to build enterprise business intelligence applications.

CONTACT INFORMATION

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