



Technical Bulletin – Issue #6

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Welcome to the sixth issue of Websyidian technical bulletin, which provides information about improved Java performance, iSeries OS/400 V5R3 support and developing iSeries Web Services with Websyidian Java DWA.

IMPROVED JAVA PERFORMANCE USING PLEX 5.5

With the release of Plex v5.5 the performance of the Java runtime as well as the code generated by the Java generator have been improved significantly.

The Websyidian team has tested Plex v5.5 with the WebService Demo¹ in a Java DWA environment on Windows, Linux and iSeries and found a significant increase in performance on all three platforms.

For iSeries developers a note of caution: Make sure that the iSeries where deploying the Java application has enough memory available for the application and has one or more CPU's with level-2 cache. Further information can be found at the IBM iSeries web site.

For deploying Java DWA based Websyidian applications on the iSeries take a look at the deployment guides found in the knowledge base section of the Websyidian documentation².

Make sure to use the Plex v5.5 Java generator and runtime for Plex generated Java applications. When using Plex v5.5 for developing Websyidian applications it is required to upgrade to Websyidian v5.5 scheduled for release in August 2004.

ISERIES OS/400 V5R3 (I5/OS V5R3) SUPPORT

IBM has recently released the latest version of OS/400, named i5/OS V5R3.

No problems have been found using Websyidian runtime objects with the latest version of i5/OS. For the Plex runtime objects a minor issue were found with regards to a changed IBM API. The PTF SI14206 has been made available by IBM to solve this issue. Further information about the PTF can be found at the CA SupportConnect site.

Experiencing any problems using Websyidian with iSeries OS/400 V5R3 please contact Websyidian support.

DEVELOPING ISERIES WEB SERVICES USING WEBSYDIAN JAVA DWA

The improvements of TransacXML in the coming Websyidian release and the improved performance of Java using Plex v5.5 enables the iSeries developers to fully utilize the benefits of developing Web Services with Websyidian Java DWA. If you want to know more about developing Web Services using Websyidian Java DWA for iSeries, please contact Websyidian support at support@websyidian.com.

We encourage you to comment on the technical bulletins and information found at our support and documentation site. Please send your comments to support@websyidian.com

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¹ Websyidian Web Service demo available at <http://www.websyidian.com/WsBroker/WsDemo.exe>

² Latest Websyidian documentation can be found at the site <http://www.websyidian.com/websydiandoc>