Demo Application for Java Web Dynpro Tables (in NW 7.0)

Applies to:

Web Dynpro for Java

SAP TechEd presentation CD254

Summary

A Web Dynpro Table is a very versatile UI element that has many built-in features – many of which are not always obvious.

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Author Bios

Chris Whealy joined SAP(UK) in 1995 as a Basis consultant and ABAP programmer. Shortly thereafter, he turned his attention to Web-based interfaces to SAP systems and began working with the earliest versions of the Internet Transaction Server. Since then, Chris has focused his attention on Web-based front ends for SAP functionality. In 2003, Chris began working with Web Dynpro, both learning the product and writing proof-of-concept applications. Chris is the author of "Inside Web Dynpro for Java" (SAP PRESS, November 2004) and SAP training courses on Web Dynpro.

After his studies in mathematics, physics and computer science **Bertram Ganz** finished his teacher training at a German grammar school stressing technical sciences. He is now working in the Web Dynpro Java Runtime team for 3 years concentrating on Web Dynpro Knowledge Transfer.

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Introduction

A Web Dynpro table is a highly versatile UI element. It has many features and properties that require a bit of explanation.

The first step in this explanation is the SAP TechEd session CD254 "Developing State-of-the-Art Table User Interfaces in Web Dynpro Java". This presentation was written by Bertram Ganz and goes in great detail to explain many of the powerful features of this UI element.

As a supplement to this presentation, this demo application has been written that presents many of the configurable table parameters on the screen. As you alter the parameters, the table UI element at the bottom of the screen is dynamically adjusted.

This is a powerful learning tool because you will quickly understand that certain parameter combinations can result in some very user *unfriendly* results!

Download Instructions

In order to make use of this application (written using NW 7.0 SP12), you need to perform the following steps:

1. Download the <u>attached ZIP file CD254_WDTableUIs.zip</u>.

2. Unzip it directly into your NetWeaver Developer Studio workspace directory.

3. Start the NetWeaver Developer Studio and select File → Import

4. The select "Existing Project Into Workspace" and choose the directory into which you extracted the ZIP file.

5. Switch to the "Web Dynpro Explorer" view and right click on the project CD254_WDTableUIs and select Repair → Project Structure and Classpath.

6. Now right click on the TableSizingApp application and select "Deploy New Archive and Run".

Now start to play with the table properties

Notice how certain properties take priority over others. For instance, if you have the "Is Layout Fixed" parameter switched on, then all the column widths will spread out evenly across the screen. As soon as you set a column width, that column jumps to a fixed width, and the other columns that do not have a defined width, spread out to occupy the remaining screen space.

Enjoy!

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