

An Extended Web Dynpro Application (Quiz Application)

Overview

In a short quiz application you are familiarized with some main concepts of Web Dynpro-based application development.

The following aspects of the Web Dynpro programming model are covered:

- Creating a Web Dynpro application with multiple views and a navigation structure
- Working with actions and event handlers (action event handlers, inbound plug event handlers) that you declare yourself
- Reading contents from the property resource bundles and storing them in a Web Dynpro context (value nodes, value node elements)
- Dividing data between view controllers and component controllers using context mapping
- Manipulating UI element attributes at runtime using data binding

Project Name

Web Dynpro Project: WebDynpro_Quiz

Requirements and Dependencies

None

Instructions

To get the Quiz application running, proceed as follows:

1. Importing the project into the SAP NetWeaver Developer Studio
 - a. Unzip the complete contents of the zip file " WebDynpro_Quiz.zip" from the Developer Studio example folder ".../SAP/JDT/eclipse/examples/" into your local workspace directory or folder of your choice.
 - b. Start the SAP NetWeaver Developer Studio.
 - c. Open the Web Dynpro perspective ("Window"|"Open Perspective"|..."Web Dynpro").
 - d. Choose the path "File"|"Import ...".
 - e. Select "Existing Project into Workspace" and choose "Next".
 - f. In the input field "Project contents", specify the folder containing the unzipped Web Dynpro project ("WebDynpro_Quiz") and choose "Finish".The Project "WebDynpro_Quiz" will appear in the "Web Dynpro Explorer" view.

Note:

Depending on which Java compiler preferences are set, you may see some warnings in the "Task" view after importing the project.

If the severity level for problems of type "Unused imports" (set in Preferences – Java – Compiler) has the value "Warning", the compiler will issue a warning for unused import references.

Ignore these warnings!

2. Building the project
 - a. Open the context menu of the project node "WebDynpro_Quiz" in the Web Dynpro Explorer view.
 - b. Choose "Rebuild Project".
3. Deploying and running the WebDynpro_Quiz application
 - a. Make sure that your SAP J2EE Engine is running.

- b. Open the context menu of the node "WebDynpro_Quiz"|"Web Dynpro"|"Applications"|"QuizApp".
- c. Chose "Deploy new archive and run".

Corresponding Tutorial

SAP Web AS for J2EE Applications → Development Manual → Developing Web Applications → Web Dynpro → Tutorials for Web Dynpro Applications → Basic Tutorials → Creating an Extended Web Dynpro Application

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