

Demonstrating Error Behavior in Web Dynpro Applications

Overview

The Web Dynpro runtime environment provides generic UI services with which application developers can easily display messages of different types in the Web browser. Using the example of a simple input form, we would like to demonstrate how you can support the user with the task of correcting faulty input values or help the user if he has left out mandatory inputs. In addition, the application example will contain messages that serve the user as a confirmation for successful actions or as a warning. Here it is possible that the application user is shown several messages at the same time, and these may even include error messages. The messages are displayed as a link so that the user can select the link and automatically receive an input recommendation to correct the error in the corresponding UI element. If the input error occurs in a table, for example, the system automatically navigates to the appropriate line, which may not even be visible.

Project Name

Web Dynpro Project: WebDynpro_ErrorBehavior

Requirements and Dependencies

None

Instructions

To get this Web Dynpro 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_ErrorBehavior.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_ErrorBehavior") and choose "Finish".

The Project "WebDynpro_ErrorBehavior" 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_ErrorBehavior" in the Web Dynpro Explorer view.
 - b. Choose "Rebuild Project".
3. Deploying and running the WebDynpro_ErrorBehavior application
 - a. Make sure that your SAP J2EE Engine is running.
 - b. Open the context menu of the node "WebDynpro_ErrorBehavior"|"Web Dynpro"|"Applications"|"ErrorBehaviorApp".
 - c. Choose "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 → A Simple Input Form.

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