

Creating a Web Dynpro Application Based on a Car Rental Web Service

Overview

This Web Dynpro sample project demonstrates the development steps that are required in Web Dynpro, in order to connect up to the business logic using a Web service-based model. The predefined Web service "QuickCarRentalWebService" for executing a car reservation, as set up in the IDE standard example application (QuickCarRental application), will be used for this purpose. In this case, Web Dynpro serves as a Web service client for Web services implemented using an EJB.

Web Dynpro Project Name:

TutWD_CarRental

Requirements and Dependencies

This sample requires that the QuickCarRental application ".../SAP/JDT/eclipse/examples/J2EE_QuickCarRental.zip". The Web service "QuickCarRentalWebService" is already defined there and only needs to be deployed on the J2EE together with the EAR file. See also "J2EE_QuickCarRentalReadme.pdf".

Instructions

To get the sample 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_CarRental.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 "File"|"Import".
 - e. Select "Existing Project into Workspace" and choose "Next".
 - f. In the input field "Project Content", specify the folder containing the Web Dynpro project. To do this, choose "Browse" and select the examples folder (as you have specified in step a.).
 - g. Select the "TutWD_CarRental" project and choose "Finish".
 - h. Open the "Web Dynpro Explorer" view to display the logical structure of the "TutWD_CarRental " project.

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 "TutWD_CarRental" in the "Web Dynpro Explorer" view.
 - b. Choose "Rebuild project".
3. Deploying and running the Welcome application
 - a. Make sure that your SAP J2EE Engine is running.

- b. Open the context menu of the project node "TutWD_CarRental"|"Web Dynpro"|"Applications"|"CarRentalApp" and choose "Deploy new archive and run".

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