

Building a simple JavaMail J2EE Application

Overview

This example implements a simple JavaMail application. The main goal of the sample is to show how to use the JavaMail functionality on the SAP J2EE Engine using the J2EE toolset in the SAP NetWeaver Developer Studio, and how to arrange development sources (Servlets, HTMLs, Java Classes, etc.) when building the J2EE applications.

The model layer is represented by Servlets, only the mail sending (SMTP) has an alternative realization with a Stateful Session EJB.

Project Names

J2EE Projects: JavaMail, JavaMailWeb, JavaMailEar

Requirements and Dependencies

Only between the projects

Instructions

To get the application running, proceed as follows:

1. Importing the J2EE projects into the SAP NetWeaver Developer Studio
 - a. Unzip the complete contents of the zip files "J2EE_JavaMail.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 J2EE perspective ("Window"|"Open Perspective"|..."J2EE Development") and choose "File"|"Import".
 - d. Select "Multiple Existing Project into Workspace " and choose "Next".
 - e. In the input field "Select base folder", specify the folder containing the examples. Choose "Browse" and select the examples folder
 - f. In the list that appears, select the projects JavaMail, JavaMailWeb, JavaMailEar and activate the option "Open Projects after import".
 - g. Choose "Finish".
 - h. Open the "J2EE Explorer" view to display the imported J2EE projects.
2. Deploying the application
 - a. Make sure that your SAP J2EE Engine and the Software Deployment Manager are running.
 - b. In the J2EE Explorer, expand the project tree of "JavaMailEar" and choose "JavaMailEar.ear".
 - c. Open the context menu and choose "Deploy to J2EE engine".
3. Running the application
 - a. Insert the JavaMail URL into the Web Browser:
http://<host>:<port>/jmindex/index.html

Corresponding Tutorial

SAP Web AS for J2EE Applications → Development Manual → Getting Started → JavaMail Tutorial.

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