Creating a Callable Object: ABAP Web Dynpro Application
## Typographic Conventions

<table>
<thead>
<tr>
<th>Type Style</th>
<th>Represents</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Example Text</em></td>
<td>Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Cross-references to other documentation.</td>
</tr>
<tr>
<td><em>Example Text</em></td>
<td>Emphasized words or phrases in body text, graphic titles, and table titles.</td>
</tr>
<tr>
<td>EXAMPLE TEXT</td>
<td>Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.</td>
</tr>
<tr>
<td><em>Example Text</em></td>
<td>Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.</td>
</tr>
<tr>
<td><em>Example Text</em></td>
<td>Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.</td>
</tr>
<tr>
<td><em>&lt;Example Text&gt;</em></td>
<td>Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.</td>
</tr>
<tr>
<td>EXAMPLE TEXT</td>
<td>Keys on the keyboard, for example, <code>F2</code> or <code>ENTER</code>.</td>
</tr>
</tbody>
</table>

## Icons

<table>
<thead>
<tr>
<th>Icon</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚠️</td>
<td>Caution</td>
</tr>
<tr>
<td>📌</td>
<td>Example</td>
</tr>
<tr>
<td>📊</td>
<td>Note</td>
</tr>
<tr>
<td>🛠️</td>
<td>Recommendation</td>
</tr>
<tr>
<td>🕵️</td>
<td>Syntax</td>
</tr>
</tbody>
</table>

The Best-Run Businesses Run SAP
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**Business Scenario**

You have an ABAP Web Dynpro Application, and want to make it available in Guided Procedures.

**Introduction**

To execute ABAP Web Dynpro Applications within Guided Procedures you will need an SAP backend system, on which the ABAP code runs.

**General prerequisites**

- CAF GP Installed
- An SAP System connection (endpoint alias for RFC) configured in Guided Procedures

**Applicable Releases**

This tutorial is compatible with the following release: Beginning with SAP NetWeaver ’04s SPS6”.

**Disclaimer**

Any software coding and/or code lines / strings ("Code") included in this documentation are only examples and are not intended to be used in a productive system environment. The Code is only intended better explain and visualize the syntax and phrasing rules of certain coding. SAP does not warrant the correctness and completeness of the Code given herein, and SAP shall not be liable for errors or damages caused by the usage of the Code, except if such damages were caused by SAP intentionally or grossly negligent.
The Step By Step Solution


Approaches to building up our model

You are free to choose either the top-down approach and create the Process, Block, and Action and then insert a new callable object; or you can start with the callable object first without having any other model item.

Top-down approach

In this case you create all the Design Time objects (Process, Block, and Action) that will make use of this callable object beforehand.
1. Click on **Create New** to embed a new callable object into our existing Action.

**Bottom-up approach**

In this case you create the callable object first and will insert it into the embedding Design Time objects later.

1. In the left ‘You Can’ section of the window, choose **Create Callable Object** to open the Callable Object Design Time.
Entering basic data

1. In the first screen set the type of Callable Object to ABAP Web Dynpro Application

Enter the basic data for the callable object:
- Name
- Description
- Language
- Location (Click the Choose button to select the folder for the location)

Click Next.

Selecting the ABAP Web Dynpro Application

1. To select the SAP system in which the ABAP Web Dynpro Application is to be found, click Choose.
2. When you have selected the SAP System from the dropdown list Available Endpoint Aliases, click Choose to return to the previous screen.

**Note:** Available endpoint aliases can be configured under Guided Procedures -> Administration -> SAP System -> Configure End Points.

3. Enter the name of the ABAP Web Dynpro Application in the input field labeled Application Name. Wildcard characters do not work. Click on Search to confirm your input.
4. The name of the selected ABAP Web Dynpro Application will be displayed to the right of the input field if it could be found in the specified SAP System. Click on **Next** to continue.

5. You can now see the input parameters of the selected ABAP Web Dynpro Application. Advance to the next screen by clicking on **Next**.
6. Your Callable Object is now complete. Click Finish and Open to save it. If you started the tutorial using the top-down approach, click Finish.

Testing the Callable Object

1. You can test your Callable Object now from the Test tab in the bottom pane.