



Exercise: Establish a Connection to SAP Business One

User Interface API

PUBLIC

INTRODUCTION

You want to use the SAP Business One User Interface API for actively manipulating Process flow. As a first step, you should connect to the Application running.

In this exercise, you will perform the following tasks:

1. Create a new Visual Studio project
2. Implement a connection to a running SAP Business One application
3. Display a *MessageBox* within SAP Business One
4. Connect to the SAP Business One by using the Single-Sign-On feature
5. Connect to the SAP Business One by using Multiple Add-On feature
6. Define the AppEvent handler

PREREQUISITE:

- Use the **C Sharp** (C#) language during this exercise
- Use Microsoft Visual Studio 2005 or higher version
- Use the demo database for SAP Business One, version for SAP HANA or SAP Business One
- Credentials: User code: **manager**

GUIDELINES:

The screenshots provided here are for your reference only and may differ from the actual screenshots in your system.

1. TASK - CREATE A NEW VISUAL STUDIO PROJECT

- 1.1. Create a new Visual Studio project for a windowless add-on application and add a reference to the SAP Business One DI API COM library and UI API COM library.



You can add the reference to the SAPBusinessOneSDK.dll, which will automatically use the UI and DI API COM Libraries.

2. TASK - IMPLEMENT A CONNECTION TO A RUNNING SAP BUSINESS ONE APPLICATION

- 2.1. Define the variables you need for a connection to a running SAP Business One application.



You will need at least two variables, one for the SboGuiApi object and one for the Application object

- 2.2. Connect to the SAP Business One SboGuiApi and get a handle to the running application.

3. TASK - DISPLAY A MESSAGEBOX WITHIN SAP BUSINESS ONE

- 3.1. The method to display a MessageBox has several optional parameters. Check them out.



There is a Method of the Application object to display message boxes within SAP Business One

- 3.2. Use the Single-Sign-On feature (and/or the Multiple Add-On feature) to connect to DI API as well.

4. TASK - CONNECT TO THE SAP BUSINESS ONE BY USING THE SINGLE-SIGN-ON FEATURE

- 4.1. Connect to the SAP Business One by using the Single-Sign-On feature

5. TASK - CONNECT TO THE SAP BUSINESS ONE BY USING MULTIPLE ADD-ON FEATURE

- 5.1. Connect by using the *GetDICompany* method. This method will reduce memory consumption when running multiple DI API add-ons.

6. TASK – DEFINE THE APPEVENT HANDLER

6.1. Implement the handling of these events (which are mandatory to be handled).



To define Event Handlers in Microsoft Visual Studio .NET please check the content on the drop-down *ComboBoxes* – which are displayed just above the source code...



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