



Exercise: Establish a Connection to SAP Business One

Data Interface API

PUBLIC

INTRODUCTION

You want to develop additional functionality for SAP Business One. In a first step, you want to create a simple program to connect to an existing SAP Business One database.

In this exercise, you will perform the following tasks:

1. Create a new Visual Studio project
2. Code the connection to the SAP Business One database
3. Implement error handling and success handling
4. Code the disconnection from the SAP Business One database

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. Within this project, create a form with two buttons on it. One of the buttons should be used to connect to the SAP Business One database, the other to disconnect from it.
- 1.2. Add a reference to the SAP Business One DI API COM library...

2. TASK - CODE THE CONNECTION TO THE SAP BUSINESS ONE DATABASE

- 2.1. Define a variable for the Company object – ensure it is defined as a member of the add-on application class or globally.
- 2.2. Create a new Company object.
- 2.3. Set the properties needed to connect to the SAP Business One database.
- 2.4. Call connect on the Company object

3. TASK - IMPLEMENT ERROR HANDLING AND SUCCESS HANDLING

- 3.1. If the connection succeeds, display a message box displaying a corresponding message.
- 3.2. If the connection failed, display the error message provided by the Company object.

4. TASK - CODE THE DISCONNECTION FROM THE SAP BUSINESS ONE DATABASE

- 4.1. If the connection succeeds, display a message box displaying a corresponding message.
- 4.2. If the connection failed, display the error message provided by the Company object.



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