

## **Exercise Solution: Connect using the Single-Sign-On**

Service Layer

PUBLIC

## INTRODUCTION

In this exercise, you will perform the following tasks:

1. Create a new Visual Studio project
2. Comment the menu related code in the project
3. Connect to Service Layer
4. Test the Add-On

## PREREQUISITE:

- This document is using the **C Sharp** (C#) language
- This document is using the Microsoft Visual Studio 2015
- This document is using the SAP Business One Studio for Microsoft Visual Studio 2015
- Use the demo database for SAP Business One, version for SAP HANA
- Credentials: User code: **manager**

## GUIDELINES:

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

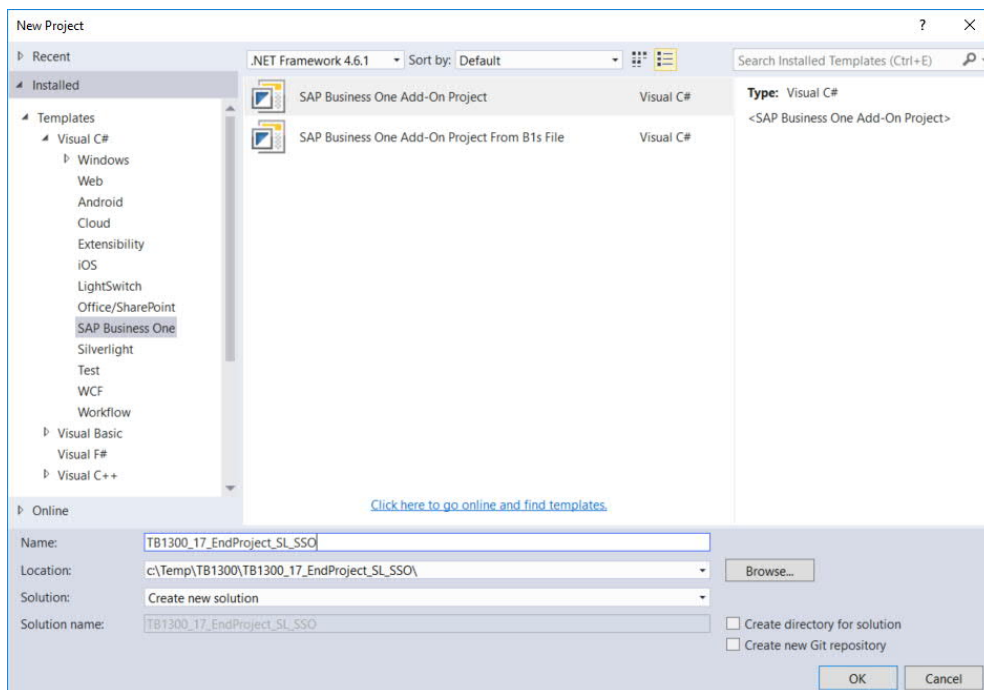
## 1. TASK – CREATE A NEW VISUAL STUDIO PROJECT

1.1. Install the SAP Business One Studio for Microsoft Visual Studio, available on the product CD

1.2. Create a new Visual Studio project.

1.2.1. Open Visual Studio and choose *File* → *New* → *Project*

Select the **SAP Business One Add-On Project** template from *Installed* → *Templates* → *SAP Business One* section



## 2. TASK – COMMENT THE MENU RELATED CODE IN THE PROJECT

2.1. Comment the instantiation of the Menu class, Menu item creation function call and the Menu event subscriber.

In the **Main** function comment the following lines:

```
//Menu MyMenu = new Menu();
//MyMenu.AddMenuItems();
//oApp.RegisterMenuEventHandler(MyMenu.SBO_Application_MenuEvent);
```

## 3. TASK – CONNECT TO THE SERVICE LAYER

3.1. Define a string variable for the ServiceLayerConnectionContext – ensure it is defined as a member of the add-on application class or globally.

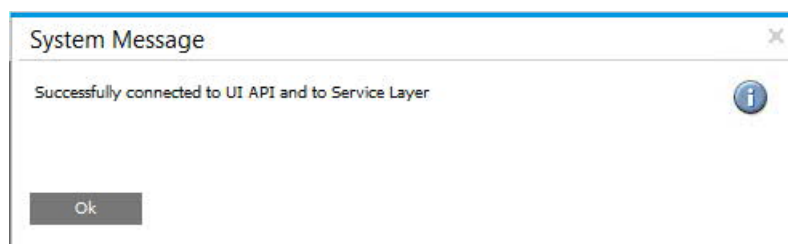
```
public static string sConnectionContext;
```

3.2. Use the *GetServiceLayerConnectionContext* method to establish the Service Layer based connection. This code you can call from the **Main** function.

```
string serviceLayerAddress = "https://YourServiceLayerAddress: 50000/b1s/v1";  
sConnectionContext =  
Application.SBO_Application.Company.GetServiceLayerConnectionContext(serviceLayerAddress);  
Application.SBO_Application.MessageBox("Successfully connected to UI API and to  
Service Layer", 0, "Ok", "", "");
```

#### 4. TASK – TEST THE ADD-ON

By executing the Add-On, the message box should appear to inform about the successful connection to the Service Layer.





© 2018 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. Please see

<http://www.sap.com/corporate-en/legal/copyright/index.epx#trademark> for additional trademark information and notices. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP SE or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP SE or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.