Exercise Solution: Services

Data Interface API

PUBLIC

INTRODUCTION

In this exercise, you will perform the following tasks:

1. Create new button called "Service Object"

2. Get *CompanyServices* object

3. Get structure which reflects information in table OADM

4. Set the form's background color to purple

5. Update the settings in SAP Business One

6. Check your changes in SAP Business One

PREREQUISITE:

- This document is using the **C Sharp** (C#) language
- This document is using the Microsoft Visual Studio 2015
- Continue to work with the project finalized in previous exercise.
- 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 NEW BUTTON CALLED "SERVICE OBJECT"

1.1. On your Visual Studio project create a new button called "Add UDF and UDT"
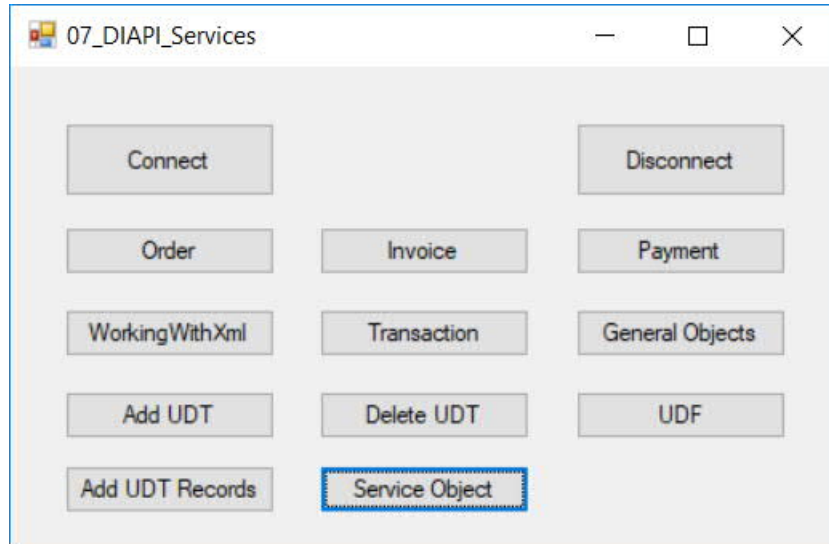
2. TASK - GET COMPANYSERVICES OBJECT

2.1. Create a new *CompanyService* object instance.

```
SAPbobsCOM.CompanyService oCompanyService;
oCompanyService = oCompany.GetCompanyService();
```

3. TASK - GET STRUCTURE WHICH REFLECTS INFORMATION IN TABLE OADM

3.1. Create a new *AdminInfo* object instance. Get structure which reflects information in table OADM.

```
SAPbobsCOM.AdminInfo oCompanyAdminInfo;
oCompanyAdminInfo = oCompanyService.GetAdminInfo();
```

4. TASK - SET THE FORM'S BACKGROUND COLOR TO PURPLE

```
oCompanyAdminInfo.CompanyColor = 3;
```

5. TASK – UPDATE THE SETTINGS IN SAP BUSINESS ONE

5.1. Call the method which updates the information in the SAP Business One database. See the effect in the SAP Business One application.

```
oCompanyService.UpdateAdminInfo(oCompanyAdminInfo);
```

6. TASK – CHECK YOUR CHANGES IN SAP BUSINESS ONE
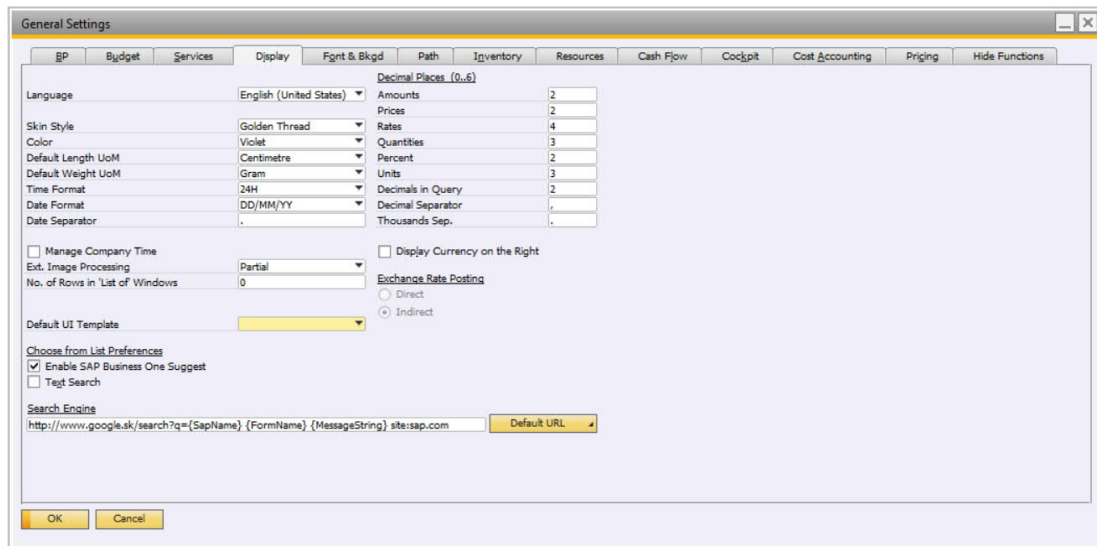
A solution (+ more sample code around services) can be found in the SDK samples (in the SDK Folder – see Appendix "SDK Installations" for more information), COM DI/ 11.Basic Company Settings

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