



## Exercise: General Objects

### Data Interface API

PUBLIC

## INTRODUCTION

Create an application to navigate through all customers. You will use the Browser property of the BusinessPartners object. Add the navigation buttons to your form and provide the coding so that the user can browse through the customers.

In this exercise, you will perform the following tasks:

1. Create new buttons in your project called "General Objects"
2. Create a new form in your Visual Studio application for Data Browser object
3. Create a RecordSet object
4. Test your changes

## PREREQUISITE:

- Use the **C Sharp** (C#) language during this exercise
- Use Microsoft Visual Studio 2005 or higher version
- 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 BUTTONS IN YOUR PROJECT CALLED "GENERAL OBJECTS"

1.1. On your Visual Studio project create a new button called "General Objects"

## 2. TASK - CREATE A NEW FORM IN YOUR VISUAL STUDIO APPLICATION FOR DATA BROWSER OBJECT

2.1. Create a new form in your Visual Studio application containing a text box where you will show the Business Partners Card Code and four buttons: first, previous, next and last.

## 3. TASK – CREATE A RECORDSET OBJECT

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

3.2. Create a RecordSet object and set the Browser property of the BusinessPartners object to this RecordSet.



There is a code sample in the DI-API Help documentation.



3.3. Add the code to all four of the buttons so that the user can navigate backwards and forward through the customers. Be sure that your application only includes customers, not Leads or Vendors (Suppliers).







Use the DoQuery method of the RecordSet object with the appropriate SQL query.

## 4. TASK - TEST YOUR CHANGES

Test your changes. Be sure to include the following scenarios:

4.1. Click the "First Record" button () , then click it again. Try the same thing with the "Last Record" button (.

4.2. Click the "First Record" button () , then click the "Previous Record" button (.

4.3. Click the "Last Record" button () , then click the "Next Record" button (.

4.4. If any of these scenarios raises an error, add code that will fix the error. Then test the application again.



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