



## Exercise: Transactions

### Data Interface API

PUBLIC

## INTRODUCTION

Update two Item Master Data records. This time open a transaction before and close it afterwards.

In this exercise, you will perform the following tasks:

1. Create new buttons in your project called "Transaction"
2. Open a transaction (StartTransaction of the Company Object)
3. Update two Item Master data records in the transaction
4. Close the transaction (EndTransaction of the Company Object)
5. Check the Company object transaction Status

## 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 "TRANSACTION"**

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

**2. TASK - OPEN A TRANSACTION (STARTTRANSACTION OF THE COMPANY OBJECT)**

2.1. Verify if the *Company* object is currently not in transaction, then start the transaction.

**3. TASK – UPDATE TWO ITEM MASTER DATA RECORDS IN THE TRANSACTION**

3.1. Create the *Item* object instance. Retrieves and sets the values of the Item "A00001", change some properties and execute the *Update* method. Repeat the same action for Item Code "A00002" as well. Collect the results code and message from each method execution.

**4. TASK - CLOSE THE TRANSACTION (ENDTRANSACTION OF THE COMPANY OBJECT)**

4.1. Verify, where both object had been updates successfully, if yes, then the transaction can be committed. Otherwise perform the rollback action.

4.2. Finally check the transaction status of the *Company* object



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