

Solutions



Unit: User Defined Object

Topic: Basics

1-1 Define the User defined table

1-1-1 Take the table you defined in the DI Exercises (Exercise 6) TB1_DVD and define it a user defined object type Master Data. You can do this via the SAP Business One application or via the DI API as highlighted in the DI Exercises.

#	Table Name	Description	Object Type
1	DOC		Document
2	DOCLINES		Document Rows
3	TB1_DVD	DVD Store	Master Data
4			No Object

1-2-2 Define the user defined fields again for this table (from DI exercises)

Field Name	Description	Data Type
SECTION	Section Number	Alphanumeric
AISLE	Aisle Number	Alphanumeric
RENTED	Rented	Alphanumeric
CARDCODI	Cardcode	Alphanumeric

1-2 Register the UDO

Dim oUserObjectMD As SAPbobsCOM.UserObjectsMD

oUserObjectMD =

oCompany.GetBusinessObject(SAPbobsCOM.BoObjectTypes.oUserObjectsMD)

oUserObjectMD.Code = "TBI_DVDAvail"

oUserObjectMD.Name = "DVDAvailability"

oUserObjectMD.ObjectType = SAPbobsCOM.BoUDObjType.boud_MasterData

oUserObjectMD.TableName = "TBI_DVD"

oUserObjectMD.CanCancel = SAPbobsCOM.BoYesNoEnum.tYES

oUserObjectMD.CanClose = SAPbobsCOM.BoYesNoEnum.tYES

oUserObjectMD.CanDelete = SAPbobsCOM.BoYesNoEnum.tYES

oUserObjectMD.CanFind = SAPbobsCOM.BoYesNoEnum.tYES

oUserObjectMD.FindColumns.ColumnAlias = "Code"

oUserObjectMD.FindColumns.Add()

oUserObjectMD.FindColumns.ColumnAlias = "Name"

oUserObjectMD.FindColumns.Add()

oUserObjectMD.FindColumns.ColumnAlias = "U_SECTION"

oUserObjectMD.FindColumns.Add()

oUserObjectMD.FindColumns.ColumnAlias = "U_AISLE"

oUserObjectMD.FindColumns.Add()

oUserObjectMD.FindColumns.ColumnAlias = "U_RENTED"

oUserObjectMD.FindColumns.Add()

oUserObjectMD.FindColumns.ColumnAlias = "U_CARDCODE"

retVal = oUserObjectMD.Add()

1-3 Enter data into the UDO using the General Service

```
Dim oGeneralService As SAPbobsCOM.GeneralService
```

```
Dim oCompanyService As SAPbobsCOM.CompanyService
```

```
Dim oGeneralData As SAPbobsCOM.GeneralData
```

```
oCompanyService = oCompany.GetCompanyService
```

```
oGeneralService = oCompanyService.GetGeneralService("TB1_DVDAvail")
```

```
oGeneralData =
```

```
oGeneralService.GetDataInterface(SAPbobsCOM.GeneralServiceDataInterfaces.gs  
GeneralData)
```

```
oGeneralData.SetProperty("Code", "32")
```

```
oGeneralData.SetProperty("Name", "Gran Torino")
```

```
oGeneralData.SetProperty("U_SECTION", "Drama")
```

```
oGeneralData.SetProperty("U_AISLE", "8")
```

```
oGeneralData.SetProperty("U_RENTED", "Y")
```

```
oGeneralData.SetProperty("U_CARDCODE", "Kim Kingston")
```

```
oGeneralService.Add(oGeneralData)
```

