

PawCom Application Note 100

Creating a Master Stock Item



Master/substock items were introduced to Peachtree Complete Accounting for Windows at version 10 (2003). When a new master stock item is added in Peachtree there will be a number of substock items defined at the same time corresponding to each possible combination of the primary and secondary attributes.

When you insert a master stock item record from PawCom you must also insert all the corresponding substock item records at the same time. You must also take care to set all the attribute parameters correctly. The example below illustrates how to create a master/substock set of items from PawCom. The attribute data is hardwired into this sample code in the section labeled "Define substock data". In a real application you would get the data from elsewhere, perhaps a form or an external data table.

```
Private Sub CreateMasterStockItem_Click()  
  
    Dim oGLA As New PAW.DefaultGLAccounts  
  
    Dim oLineItem    As New PAW.LineItem  
    Dim oPeachw     As New PAW.Peachw  
    Dim ItemID      As String  
    Dim NItems      As Integer  
    Dim Status      As Integer  
    Dim i           As Integer  
    Dim j           As Integer  
    Dim k           As Integer  
    Dim PayType     As Integer  
  
    Dim GLSalesAccount    As String  
    Dim GLInventoryAccount As String  
    Dim GLCOGSSalaryAccount As String  
    Dim NPrimaryAttributes As Integer  
    Dim NSecondaryAttributes As Integer  
    Dim PrimaryAttributeName As String  
    Dim SecondaryAttributeName As String  
    Dim MasterItemIndex     As Long  
  
    Dim PrimaryAttributeDescription() As String  
    Dim PrimaryAttributeID()         As String  
    Dim SecondaryAttributeDescription() As String  
    Dim SecondaryAttributeID()       As String  
  
    BtrieveConnect  
    Status = oLineItem.OpenFile  
    If Status <> btStatusOK Then  
        MsgBox oBtrieve.ErrorMessage(Status), vbExclamation, "Error in cmdMasterItem"  
        BtrieveDisconnect  
        DemoAddNewLineItem = False  
    End If  
  
    i = 1  
    Do While i < 100  
        ItemID = "Test" & i  
        Status = oLineItem.GetEqual(ItemID)  
        If Status = btStatusOK Then  
            i = i + 1  
        Else  
            Exit Do  
        End If  
    Loop  
  
    ' Build a example Line Item record.  In the real world, you would get this data  
    ' from an entry screen or from some other data source.  The record being built  
    ' below will specify a Master Item and the related substock items.
```

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```
' Get default accounts for substock item

Status = oGLA.OpenFile
If Status = btStatusOK Then
    GLSalesAccount = oGLA.GLSales(9)
    GLInventoryAccount = oGLA.GLInventoryWage(9)
    GLCOGSSalaryAccount = oGLA.GLCostOfSales(9)
    Status = oGLA.CloseFile
End If
Set oGLA = Nothing

' Define substock data

NPrimaryAttributes = 2
NSecondaryAttributes = 2

ReDim PrimaryAttributeDescription(NPrimaryAttributes)
ReDim PrimaryAttributeID(NPrimaryAttributes)
ReDim SecondaryAttributeDescription(NSecondaryAttributes)
ReDim SecondaryAttributeID(NSecondaryAttributes)

PrimaryAttributeName = "Color"
PrimaryAttributeDescription(1) = "Green"
PrimaryAttributeID(1) = "GR"
PrimaryAttributeDescription(2) = "Red"
PrimaryAttributeID(2) = "RD"

SecondaryAttributeName = "Size"
SecondaryAttributeDescription(1) = "Large"
SecondaryAttributeID(1) = "LG"
SecondaryAttributeDescription(2) = "Small"
SecondaryAttributeID(2) = "SM"

' Create Master Record

oLineItem.ItemID = ItemID
oLineItem.ItemDescription = "Test Master " & ItemID
oLineItem.DescriptionForSales = oLineItem.ItemDescription
oLineItem.DescriptionForPurchases = oLineItem.ItemDescription
oLineItem.Inactive = False
oLineItem.ItemClass = 8
oLineItem.Index = 0
oLineItem.MasterItemIndex = 0
oLineItem.MasterItemID = ""
oLineItem.PrimaryAttributeName = PrimaryAttributeName
For i = 1 To NPrimaryAttributes
    oLineItem.PrimaryAttributeID(i) = PrimaryAttributeID(i)
    oLineItem.PrimaryAttributeDesc(i) = PrimaryAttributeDescription(i)
Next i
oLineItem.SecondaryAttributeName = SecondaryAttributeName
For i = 1 To NSecondaryAttributes
    oLineItem.SecondaryAttributeID(i) = SecondaryAttributeID(i)
    oLineItem.SecondaryAttributeDesc(i) = SecondaryAttributeDescription(i)
Next i
oLineItem.SubstockPrimaryAttributeDesc = ""
oLineItem.SubstockPrimaryAttributeID = ""
oLineItem.SubstockSecondaryAttributeDesc = ""
oLineItem.SubstockSecondaryAttributeID = ""
oLineItem.NPrimaryAttributes = NPrimaryAttributes
oLineItem.NSecondaryAttributes = NSecondaryAttributes
oLineItem.ItemTaxType = 0 ' See Default Tax Type table for codes (Value=Field-1)
oLineItem.VendorIndex = 0
oLineItem.MinimumStock = 0
```

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```
oLineItem.ReorderQuantity = 0
oLineItem.ItemNote = ""
oLineItem.NumberOfComponents = 0
oLineItem.CostingMethod = 1      ' See Lookup Costing Method table for codes (1=FIFO)
oLineItem.SalesPrice(1) = 0
oLineItem.SalesPrice(2) = 0
oLineItem.SalesPrice(3) = 0
oLineItem.SalesPrice(4) = 0
oLineItem.SalesPrice(5) = 0
oLineItem.Location = ""
oLineItem.SubjectToCommission = False
oLineItem.PrintComponents = False
oLineItem.GLSalesAccount = GLSalesAccount
oLineItem.GLInventoryAccount = GLInventoryAccount
oLineItem.GLCOGSSalaryAccount = GLCOGSSalaryAccount
oLineItem.CustomField(1) = ""
oLineItem.CustomField(2) = ""
oLineItem.CustomField(3) = ""
oLineItem.CustomField(4) = ""
oLineItem.CustomField(5) = ""
oLineItem.NotStockItem = False
If PeachtreeVersion >= 10 Then
    oLineItem.Guid = oPeachw.Guid
    Set oPeachw = Nothing
End If

For i = 0 To 41
    oLineItem.Sales(i) = 0
    oLineItem.UnitsSold(i) = 0
Next i

Status = oLineItem.Insert
If Status <> btStatusOK Then
    MsgBox oBtrieve.ErrorMessage(Status), vbExclamation, "Could not add new master record"
End If

' Get the MasterItemIndex

Status = oLineItem.GetEqual(ItemID)
If Status = btStatusOK Then
    MasterItemIndex = oLineItem.Index
Else
    MasterItemIndex = 0
End If

' Add substock items

For j = 1 To NPrimaryAttributes
For k = 1 To NSecondaryAttributes

    oLineItem.ItemID = ItemID & "-" & PrimaryAttributeID(j) & "-" & SecondaryAttributeID(k)
    oLineItem.ItemDescription = "Test Master " & oLineItem.ItemID
    oLineItem.DescriptionForSales = oLineItem.ItemDescription
    oLineItem.DescriptionForPurchases = oLineItem.ItemDescription
    oLineItem.Inactive = False
    oLineItem.ItemClass = 9
    oLineItem.Index = 0
    oLineItem.MasterItemIndex = 0
    oLineItem.MasterItemID = ItemID
    oLineItem.MasterItemIndex = MasterItemIndex
    oLineItem.PrimaryAttributeName = PrimaryAttributeName
For i = 1 To NPrimaryAttributes
    oLineItem.PrimaryAttributeID(i) = PrimaryAttributeID(i)
    oLineItem.PrimaryAttributeDesc(i) = PrimaryAttributeDescription(i)
```

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```
Next i
oLineItem.SecondaryAttributeName = SecondaryAttributeName
For i = 1 To NSecondaryAttributes
    oLineItem.SecondaryAttributeID(i) = SecondaryAttributeID(i)
    oLineItem.SecondaryAttributeDesc(i) = SecondaryAttributeDescription(i)
Next i
oLineItem.SubstockPrimaryAttributeDesc = PrimaryAttributeDescription(j)
oLineItem.SubstockPrimaryAttributeID = PrimaryAttributeID(j)
oLineItem.SubstockSecondaryAttributeDesc = SecondaryAttributeDescription(k)
oLineItem.SubstockSecondaryAttributeID = SecondaryAttributeID(k)
oLineItem.NPrimaryAttributes = NPrimaryAttributes
oLineItem.NSecondaryAttributes = NSecondaryAttributes
oLineItem.ItemTaxType = 0 ' See Default Tax Type table for codes (Value=Field-1)
oLineItem.VendorIndex = 0
oLineItem.MinimumStock = 0
oLineItem.ReorderQuantity = 0
oLineItem.ItemNote = ""
oLineItem.NumberOfComponents = 0
oLineItem.CostingMethod = 1 ' See Lookup Costing Method table for codes (1=FIFO)
oLineItem.SalesPrice(1) = 0
oLineItem.SalesPrice(2) = 0
oLineItem.SalesPrice(3) = 0
oLineItem.SalesPrice(4) = 0
oLineItem.SalesPrice(5) = 0
oLineItem.Location = ""
oLineItem.SubjectToCommission = False
oLineItem.PrintComponents = False
oLineItem.GLSalesAccount = GLSalesAccount
oLineItem.GLInventoryAccount = GLInventoryAccount
oLineItem.GLCOGSSalaryAccount = GLCOGSSalaryAccount
oLineItem.CustomField(1) = ""
oLineItem.CustomField(2) = ""
oLineItem.CustomField(3) = ""
oLineItem.CustomField(4) = ""
oLineItem.CustomField(5) = ""
oLineItem.NotStockItem = False
If PeachtreeVersion >= 10 Then
    oLineItem.Guid = oPeachw.Guid
    Set oPeachw = Nothing
End If

For i = 0 To 41
    oLineItem.Sales(i) = 0
    oLineItem.UnitsSold(i) = 0
Next i

Status = oLineItem.Insert
If Status <> btStatusOK Then
    MsgBox oBtrieve.ErrorMessage(Status), vbExclamation, "Could not add new substock
record"
End If

Next k
Next j

' Finish up

oLineItem.CloseFile
Set oLineItem = Nothing
BtrieveDisconnect

End Sub
```