Tools 🡪 Execute Commands 🡪 Edit/Run Script…

输入下面的脚本

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'\* File: pdm2excel.txt

'\* Title: pdm export to excel

'\* Purpose: To export the tables and columns to Excel

'\* Model: Physical Data Model

'\* Objects: Table, Column, View

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'\* Created: 2015-01-28

'\* Version: 1.0

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Option Explicit

Dim rowsNum

rowsNum = 0

'-----------------------------------------------------------------------------

' Main function

'-----------------------------------------------------------------------------

' Get the current active model

Dim Model

Set Model = ActiveModel

If (Model Is Nothing) Or (Not Model.IsKindOf(PdPDM.cls\_Model)) Then

MsgBox "The current model is not an PDM model."

Else

' Get the tables collection

'创建EXCEL APP

Dim beginrow

Dim EXCEL, BOOK, SHEET

Set EXCEL = CreateObject("Excel.Application")

EXCEL.Visible = True

Set BOOK = EXCEL.Workbooks.Add(-4167) '新建工作簿

BOOK.Sheets(1).Name = "数据库表结构"

Set SHEET = EXCEL.workbooks(1).sheets("数据库表结构")

ShowProperties Model, SHEET

EXCEL.visible = true

'设置列宽和自动换行

SHEET.Columns(1).ColumnWidth = 10

SHEET.Columns(2).ColumnWidth = 30

SHEET.Columns(3).ColumnWidth = 20

SHEET.Columns(1).WrapText =true

SHEET.Columns(2).WrapText =true

SHEET.Columns(3).WrapText =true

End If

'-----------------------------------------------------------------------------

' Show properties of tables

'-----------------------------------------------------------------------------

Sub ShowProperties(mdl, sheet)

' Show tables of the current model/package

rowsNum=0

beginrow = rowsNum+1

' For each table

output "begin"

Dim tab

For Each tab In mdl.tables

ShowTable tab,sheet

Next

if mdl.tables.count > 0 then

sheet.Range("A" & beginrow + 1 & ":A" & rowsNum).Rows.Group

end if

output "end"

End Sub

'-----------------------------------------------------------------------------

' 数据表查询

'-----------------------------------------------------------------------------

Sub ShowTable(tab, sheet)

If IsObject(tab) Then

Dim rangFlag

sheet.cells(1, 1) = "序号"

sheet.cells(1, 2) = "表名"

sheet.cells(1, 3) = "表含义"

'设置边框

sheet.Range(sheet.cells(1, 1),sheet.cells(1, 3)).Borders.LineStyle = "1"

'设置背景颜色

sheet.Range(sheet.cells(1, 1),sheet.cells(1, 3)).Interior.ColorIndex = "19"

rowsNum = rowsNum + 1

sheet.cells(rowsNum+1, 1) = rowsNum

sheet.cells(rowsNum+1, 2) = tab.code

sheet.cells(rowsNum+1, 3) = tab.comment

'设置边框

sheet.Range(sheet.cells(rowsNum+1,1),sheet.cells(rowsNum+1,3)).Borders.LineStyle = "2"

'增加Sheet

BOOK.Sheets.Add , BOOK.Sheets(BOOK.Sheets.count)

BOOK.Sheets(rowsNum+1).Name = tab.code

Dim shtn

Set shtn = EXCEL.workbooks(1).sheets(tab.code)

'设置列宽和换行

shtn.Columns(1).ColumnWidth = 30

shtn.Columns(2).ColumnWidth = 20

shtn.Columns(3).ColumnWidth = 20

shtn.Columns(4).ColumnWidth = 30

shtn.Columns(5).ColumnWidth = 20

shtn.Columns(6).ColumnWidth = 20

shtn.Columns(7).ColumnWidth = 20

shtn.Columns(1).WrapText =true

shtn.Columns(2).WrapText =true

shtn.Columns(3).WrapText =true

shtn.Columns(4).WrapText =true

shtn.Columns(5).WrapText =true

shtn.Columns(6).WrapText =true

shtn.Columns(7).WrapText =true

'设置列标题

shtn.cells(1, 1) = "字段中文名"

shtn.cells(1, 2) = "字段名"

shtn.cells(1, 3) = "字段类型"

shtn.cells(1, 4) = "长度"

shtn.cells(1, 5) = "是否主键"

shtn.cells(1, 6) = "不为空"

shtn.cells(1, 7) = "注释"

'设置边框

shtn.Range(shtn.cells(1, 1),shtn.cells(1, 7)).Borders.LineStyle = "2"

'设置背景颜色

shtn.Range(shtn.cells(1, 1),shtn.cells(1, 7)).Interior.ColorIndex = "19"

Dim col ' running column

Dim colsNum

Dim rNum

colsNum = 0

rNum = 0

for each col in tab.columns

rNum = rNum + 1

colsNum = colsNum + 1

shtn.cells(rNum+1, 1) = col.name

shtn.cells(rNum+1, 2) = col.code

shtn.cells(rNum+1, 3) = col.datatype

shtn.cells(rNum+1, 4) = col.length

shtn.cells(rNum+1, 5) = col.primary

shtn.cells(rNum+1, 6) = col.mandatory

shtn.cells(rNum+1, 7) = col.comment

shtn.Range(shtn.cells(rNum+1,1),shtn.cells(rNum+1,7)).Borders.LineStyle = "2"

next

shtn.Range(shtn.cells(rNum+1,1),shtn.cells(rNum+1,7)).Borders.LineStyle = "2"

rNum = rNum + 1

Output "FullDescription: " + tab.Name

End If

End Sub

为每个Excel添加返回目录按钮：

按住 Shift 然后选中除要返回的sheet(此处为”数据库表结构”) 然后选中一个单元格，输入如下内容：

=HYPERLINK("#数据库表结构!A1","返回目录")

数据库表结构 是sheet名称