



链滴

PowerDesigner 把 Comment 与 name 互相复制替换

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来源网站: 链滴

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在用PowerDesigner时，常常在NAME或Comment中写中文在Code中写英文，Name只会显示给我们看，Code会使用在代码中，但Comment中的文字会保存到数据库TABLE的Description中，有时我们写好了Name再写一次Comment很麻烦，以下两段代码就可以解决这个问题。
在PowerDesigner中PowerDesigner->Tools->Execute Commands->Edit/Run Scripts (Ctrl Shift X)，然后将下面的脚本粘贴进去，并运行，即可

```
``vbscript
```

代码一:将Name中的字符COPY至Comment中

```
*****
```

```
'* File:   name2comment.vbs
'* Purpose: Database generation cannot use object names anymore
'          in version 7 and above.
'          It always uses the object codes.
```

```
'
'          In case the object codes are not aligned with your
'          object names in your model, this script will copy
'          the object Name onto the object Comment for
'          the Tables and Columns.
```

```
'* Title:
'* Version: 1.0
'* Company: Sybase Inc.
```

```
*****
```

```
Option Explicit
```

```
ValidationMode = True
```

```
InteractiveMode = im_Batch
```

```
Dim mdl ' the current model
```

```
' get the current active model
```

```
Set mdl = ActiveModel
```

```
If (mdl Is Nothing) Then
```

```
    MsgBox "There is no current Model "
```

```
Elseif Not mdl.IsKindOf(PdPDM.cls_Model) Then
```

```
    MsgBox "The current model is not an Physical Data model. "
```

```
Else
```

```
    ProcessFolder mdl
```

```
End If
```

```
' This routine copy name into comment for each table, each column and each view
```

```
' of the current folder
```

```
Private sub ProcessFolder(folder)
```

```
    Dim Tab 'running table
```

```
    for each Tab in folder.tables
```

```
        if not tab.isShortcut then
```

```
            tab.comment = tab.name
```

```
            Dim col ' running column
```

```
            for each col in tab.columns
```

```
                col.comment= col.name
```

```
            next
```

```
        end if
```

```
    next
```

```
Dim view 'running view
```

```

for each view in folder.Views
  if not view.isShortcut then
    view.comment = view.name
  end if
end if
next

```

```

' go into the sub-packages
Dim f ' running folder
For Each f In folder.Packages
  if not f.IsShortcut then
    ProcessFolder f
  end if
Next
end sub

```

代码二:将Comment中的字符COPY至Name中

```
Option Explicit
```

```
ValidationMode = True
```

```
InteractiveMode = im_Batch
```

```
Dim mdl ' the current model
```

```
' get the current active model
```

```
Set mdl = ActiveModel
```

```
If (mdl Is Nothing) Then
```

```
  MsgBox "There is no current Model "
```

```
Elseif Not mdl.IsKindOf(PdPDM.cls_Model) Then
```

```
  MsgBox "The current model is not an Physical Data model. "
```

```
Else
```

```
  ProcessFolder mdl
```

```
End If
```

```
Private sub ProcessFolder(folder)
```

```
On Error Resume Next
```

```
Dim Tab 'running table
```

```
for each Tab in folder.tables
```

```
  if not tab.isShortcut then
```

```
    tab.name = tab.comment
```

```
    Dim col ' running column
```

```
    for each col in tab.columns
```

```
      if col.comment="" then
```

```
        else
```

```
          col.name= col.comment
```

```
        end if
```

```
      next
```

```
    end if
```

```
next
```

```
Dim view 'running view
```

```
for each view in folder.Views
```

```
  if not view.isShortcut then
```

```
    view.name = view.comment
```

```
  end if
```

```
next
```

```

' go into the sub-packages
Dim f ' running folder
For Each f In folder.Packages
  if not f.IsShortcut then
    ProcessFolder f
  end if
Next
end sub

```

代码三：将Name中的字符COPY至Comment中（优化）

'把pd中那么name想自动添加到comment里面

'如果comment为空,则填入name;如果不为空,则保留不变,这样可以避免已有的注释丢失.

```
Option Explicit
```

```
ValidationMode = True
```

```
InteractiveMode = im_Batch
```

```
Dim mdl ' the current model
```

```
' get the current active model
```

```
Set mdl = ActiveModel
```

```
If (mdl Is Nothing) Then
```

```
  MsgBox "There is no current Model "
```

```
Elseif Not mdl.IsKindOf(PdPDM.cls_Model) Then
```

```
  MsgBox "The current model is not an Physical Data model. "
```

```
Else
```

```
  ProcessFolder mdl
```

```
End If
```

```
' This routine copy name into comment for each table, each column and each view
```

```
' of the current folder
```

```
Private sub ProcessFolder(folder)
```

```
  Dim Tab 'running table
```

```
  for each Tab in folder.tables
```

```
    if not tab.isShortcut then
```

```
      if trim(tab.comment)=" " then '如果有表的注释,则不改变它.如果没有表注释.则把name添加到注释里面.
```

```
        tab.comment = tab.name
```

```
      end if
```

```
      Dim col ' running column
```

```
      for each col in tab.columns
```

```
        if trim(col.comment)=" " then '如果col的comment为空,则填入name,如果已有注释,则不添加;样可以避免已有注释丢失.
```

```
          col.comment= col.name
```

```
        end if
```

```
      next
```

```
    end if
```

```
  next
```

```
Dim view 'running view
```

```
for each view in folder.Views
```

```
  if not view.isShortcut and trim(view.comment)=" " then
```

```
    view.comment = view.name
```

```
    end if
next

' go into the sub-packages
Dim f ' running folder
For Each f In folder.Packages
    if not f.IsShortcut then
        ProcessFolder f
    end if
Next
end sub
```