

Excel VBA GUID を生成する



```
Public Sub GetGUID()  
    Dim typelib As Object  
    Dim guid As String  
  
    Set typelib = CreateObject("Scriptlet.TypeLib")  
    guid = Mid$(typelib.guid, 2, 36)  
  
    ActiveCell.Value = guid  
End Sub
```

■上記でエラーとなる場合

```
Private Const SEP As String = ","  
  
Private Type GUID_TYPE  
    Data1 As Long  
    Data2 As Integer  
    Data3 As Integer  
    Data4(7) As Byte  
End Type  
  
Private Declare PtrSafe Function CoCreateGuid Lib "ole32.dll" (guid As GUID_TYPE) As LongPtr  
Private Declare PtrSafe Function StringFromGUID2 Lib "ole32.dll" (guid As GUID_TYPE, ByVal lpStrGuid  
As LongPtr, ByVal cbMax As Long) As LongPtr  
  
Function CreateGuidString()  
    Dim guid As GUID_TYPE  
    Dim strGuid As String  
    Dim retValue As LongPtr  
  
    Const guidLength As Long = 39 'registry GUID format with null terminator  
    {xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx}  
  
    retValue = CoCreateGuid(guid)  
    If retValue = 0 Then  
        strGuid = String$(guidLength, vbNullChar)  
        retValue = StringFromGUID2(guid, StrPtr(strGuid), guidLength)  
        If retValue = guidLength Then  
            ' valid GUID as a string  
            CreateGuidString = strGuid  
        End If  
    End If  
End Function  
  
Public Sub GetGUID()  
    Dim strGuid As String  
    strGuid = CreateGuidString()  
  
    strGuid = Replace(Replace(strGuid, "{", ""), "}", "")  
  
    ActiveCell.Value = strGuid  
End Sub
```