

# Excel VBA Log Utility

[Excel VBA]

FileUtil.cls を使用

- Excel VBA File Utility

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```
Option Explicit
'
Private log      As FileUtil
Private m_IsOpen As Boolean
' ログの初期化
' @param fileName 出力先ファイル
Public Sub initialLog(fileName As String)
    m_IsOpen = False
    Set log = New FileUtil
    m_IsOpen = log.openFile(fileName, FileMode.AppendMode)
End Sub
' ログの解放
Public Sub terminateLog()
    Call log.closeFile
    m_IsOpen = False
    Set log = Nothing
End Sub
' [INFO] ログの出力
' @param str メッセージ
Public Sub info(str As String)
    If Not isWritable() Then
        Exit Sub
    End If
    Call log.println(getTimeStamp & "[INFO] " & str)
End Sub
' [ERROR] ログの出力
' @param str メッセージ
Public Sub error(str As String)
    If Not isWritable() Then
        Exit Sub
    End If
    Call log.println(getTimeStamp & "[ERROR] " & str)
End Sub
' ログが書き込み可能か否か
' @param str メッセージ
Private Function isWritable() As Boolean
    isWritable = (m_IsOpen And log.isOpen)
End Function
```

```
'
' タイムスタンプ文字列生成
' @return タイムスタンプ文字列生成 "YYYY/MM/DD HH:MM:SS"
'
Private Function getTimeStamp() As String
    getTimeStamp = Date & " " & Time
End Function
```