VbaRobot®

VbaRobotReference

part of myCheapBots.com

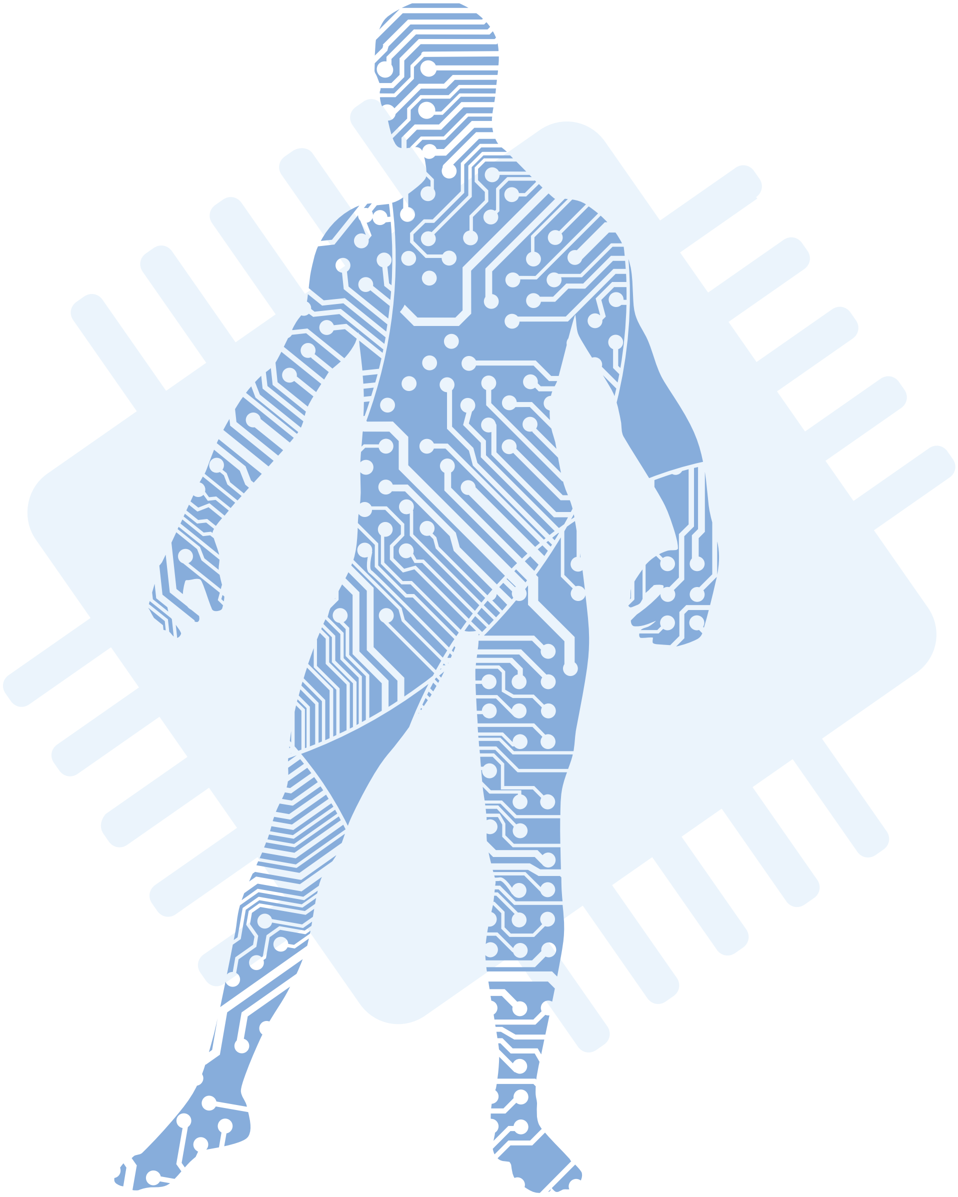
http://www.vbarobot.com

Agenda

1 **Purpose**

2 **Front page**

3 **Coding**



1.Purpose

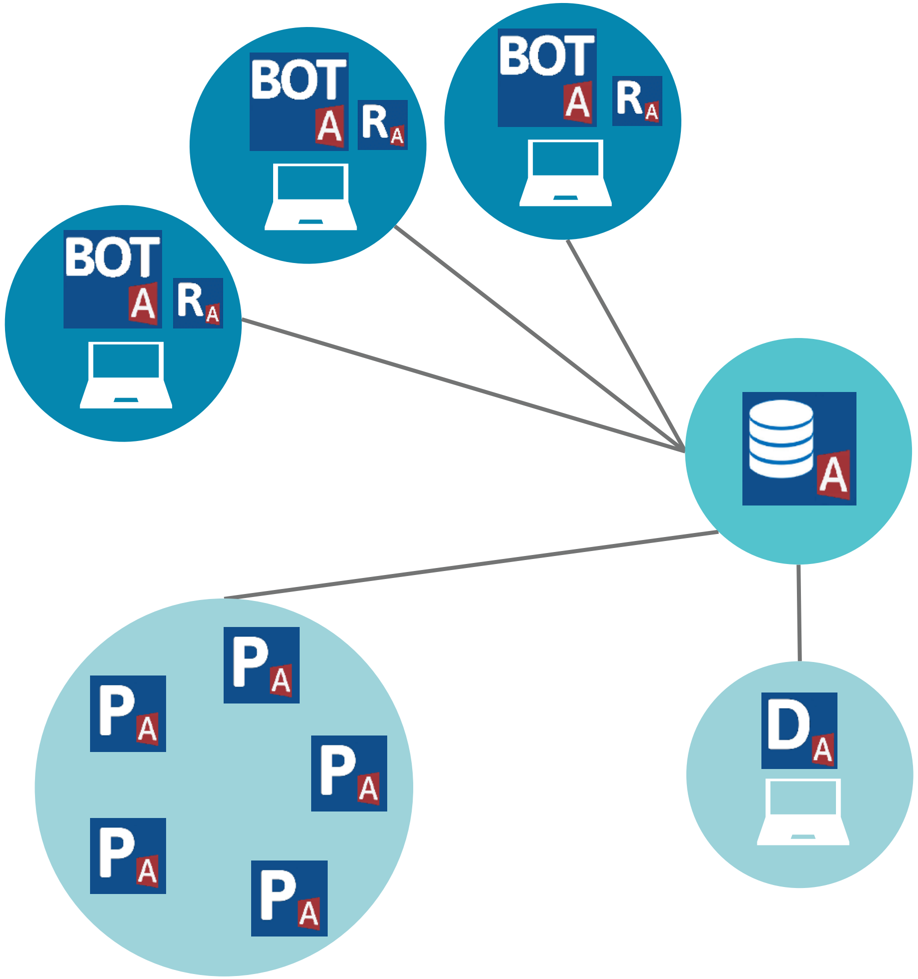
VbaRobotReference file: RA

The VbaRobotReference file is unlocked together with the VbaRobotServer file on one license, the same unlock key is loaded into VbaRobotReference at the same time when you unlock VbaRobotServer.

The VbaRobotReference file contains all the necessary functions and variables to run the VbaRobot system.

All VbaRobotProcesMaster files are and must be linked to VbaRobotReference as they use multiple functions to run in basic form and to develop the process.

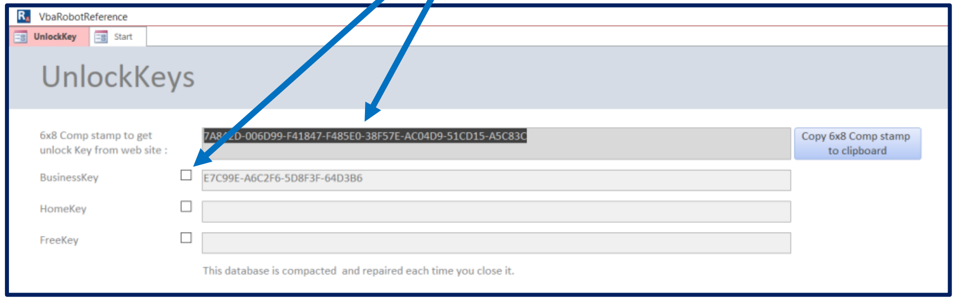
VbaRobotDashboard uses some minor functions from VbaRobotreference. If you don't want to pay for a VbaRobotDashboard license, you can remove these functions and run VbaRobotDashboard in a limited form. Remember that VbaRobotDashboard is "open source", so you can freely modify it at your own risk.



VbaRobot system example

2.Front page

Use UnlockKey tab to get Comp stamp and if neccessary read/write you unlock key (tick to write).



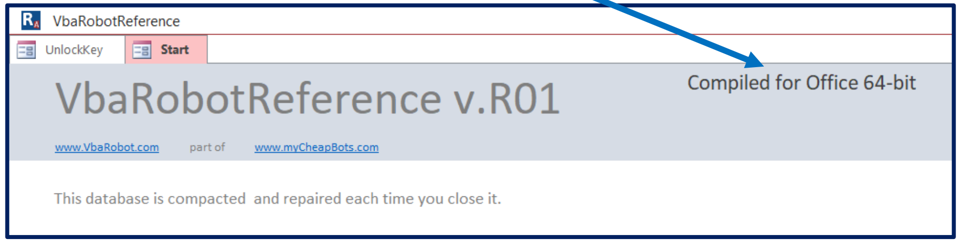
VbaRobotReference

UnlockKeys

6x8 Comp stamp to get unlock Key from web site :		7A8[illegible]2D-006D99-F41847-F485E0-38F57E-AC04D9-51CD15-A5C83C	Copy 6x8 Comp stamp to clipboard
BusinessKey	□	E7C99E-A6C2F6-5D8F3F-64D3B6	
HomeKey	□		
FreeKey	□		

This database is compacted and repaired each time you close it.

VbaRobotReference can be compiled for 32-bit or 64-bit Office. Check the Office version and download the appropriate zip package.



VbaRobotReference

VbaRobotReference v.R01

Compiled for Office 64-bit

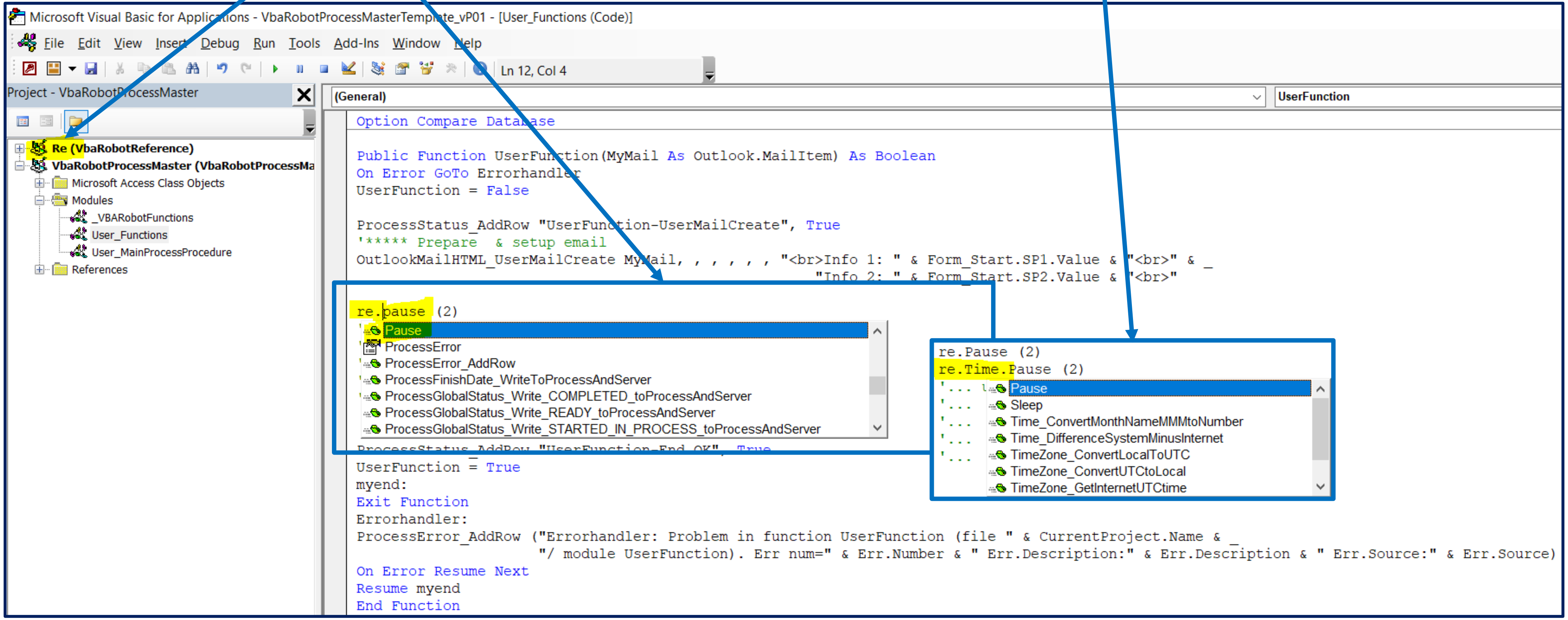
www.VbaRobot.com part of www.myCheapBots.com

This database is compacted and repaired each time you close it.

3.Coding

All functions and variables are available easily after writing „re.” in VBA code.

You can also use module name to limit functions, here in example „re.Time.”.


Microsoft Visual Basic for Applications - VbaRobotProcessMasterTemplate_vP01 - [User_Functions (Code)]
File Edit View Insert Debug Run Tools Add-Ins Window Help
Ln 12, Col 4
Project - VbaRobotProcessMaster
Re (VbaRobotReference)
VbaRobotProcessMaster (VbaRobotProcessMa
Microsoft Access Class Objects
Modules
_VBARobotFunctions
User_Functions
User_MainProcessProcedure
References
(General)
UserFunction
Pause
ProcessError
ProcessError_AddRow
ProcessFinishDate_WriteToProcessAndServer
ProcessGlobalStatus_Write_COMPLETED_toProcessAndServer
ProcessGlobalStatus_Write_READY_toProcessAndServer
ProcessGlobalStatus_Write_STARTED_IN_PROCESS_toProcessAndServer
Pause
Sleep
Time_ConvertMonthNameMMMtoNumber
Time_DifferenceSystemMinusInternet
TimeZone_ConvertLocalToUTC
TimeZone_ConvertUTCtoLocal
TimeZone_GetInternetUTCtime

```
Option Compare Database

Public Function UserFunction(MyMail As Outlook.MailItem) As Boolean
On Error GoTo Errorhandler
UserFunction = False

ProcessStatus_AddRow "UserFunction-UserMailCreate", True
'***** Prepare  & setup email
OutlookMailHTML_UserMailCreate MyMail, , , , , , "<br>Info 1: " & Form_Start.SP1.Value & "<br>" & _
                                                    "Info 2: " & Form_Start.SP2.Value & "<br>"

re.pause (2)
ProcessStatus_AddRow "UserFunction-End_OK", True
UserFunction = True
myend:
Exit Function
Errorhandler:
ProcessError_AddRow ("Errorhandler: Problem in function UserFunction (file " & CurrentProject.Name & _
                     "/ module UserFunction). Err num=" & Err.Number & " Err.Description:" & Err.Description & " Err.Source:" & Err.Source)
On Error Resume Next
Resume myend
End Function
```

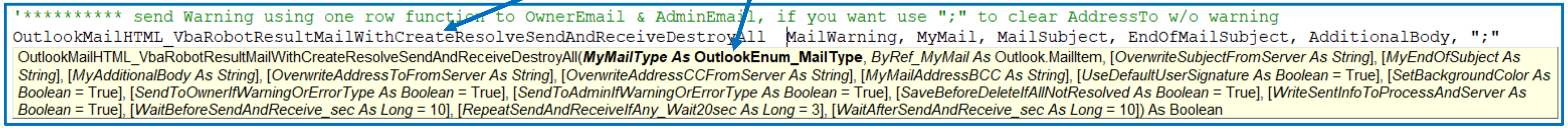
```
re.Pause (2)
re.Time.Pause (2)
```

3.Coding

All functions have own names and internal variable names that make it easy to understand what they do.
Example for: **OutlookMailHTML_VbaRobotResultMailWithCreateResolveSendAndReceiveDestroyAll**

- **MyMailType** -> use this to define type of email
- **ByRef_MyMail** -> reference to you email
- **OverwriteSubjectFromServer** -> if you put a string then it will overwrite Subject string from field „EmailSubject” in tab „Current tasks” (copied from field „EmailSubject” from „Process schedule”)
- **...**

Additionally, all "ByRef" variables start with "ByRef_..." – it is simple, it helps, especially for beginners.



```
'********** send Warning using one row function to OwnerEmail & AdminEmail, if you want use ";" to clear AddressTo w/o warning
OutlookMailHTML_VbaRobotResultMailWithCreateResolveSendAndReceiveDestroyAll  MailWarning, MyMail, MailSubject, EndOfMailSubject, AdditionalBody, ";"
```

```
OutlookMailHTML_VbaRobotResultMailWithCreateResolveSendAndReceiveDestroyAll(MyMailType As OutlookEnum_MailType, ByRef_MyMail As Outlook.MailItem, [OverwriteSubjectFromServer As String], [MyEndOfSubject As String], [MyAdditionalBody As String], [OverwriteAddressToFromServer As String], [OverwriteAddressCCFromServer As String], [MyMailAddressBCC As String], [UseDefaultUserSignature As Boolean = True], [SetBackgroundColor As Boolean = True], [SendToOwnerIfWarningOrErrorType As Boolean = True], [SendToAdminIfWarningOrErrorType As Boolean = True], [SaveBeforeDeleteIfAllNotResolved As Boolean = True], [WriteSentInfoToProcessAndServer As Boolean = True], [WaitBeforeSendAndReceive_sec As Long = 10], [RepeatSendAndReceiveIfAny_Wait20sec As Long = 3], [WaitAfterSendAndReceive_sec As Long = 10]) As Boolean
```

Thank You

vbarobot.com
part of
mycheapbots.com