

Hello, I carried out an investigation about source code of payment kiosk "RONT\_2017\_01\_25ver". It was found the following:

1. More of 25% of payment kiosk source code was deleted and changed. Changes of source code was made for more than 3 people, for example in screen 1 you may see changes made "Vishal", in screen 2 changes made "Magdan".
2. All source code was written in low quality without using modern conceptiony of programing. For example, in code there are branch with 355 branches of code, please see screen 3. Code was written with many-many global variables - please look in the screen 4. This approach is completely beyond the scope of modern programming techniques.
3. Graphical design is terrible and horrible. For example, pleasee see the standard design of kiosk in my own blog <http://vb-net.ru/terminal/delmar.htm> or <http://www.vb-net.ru/Terminal/gisis.gif>
4. Program was not created for international standard - file names was named in japanese languages - please see in screen 5.
- 6), but this program is windows form application. This is alternative and incompatible approach. If this code will be executed this kiosk is shutdown and payment kiosk is become out of service.
7. Program, that I was leaning, named "RONT\_2017\_01\_25ver" was represent only a part of full source code, for development this source code need some additional dll. For example see screen 7. Without full packet of dll development or support this program is impossible.

Regards, Viacheslav



SQL Server Object Explorer

SQL Server

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Debug Any CPU Start

FrmIDcardscreenscreen.vb FrmCash.vb [Design] FrmPaid.vb ApplicationEvents.vb FrmMaintenance.vb ClassDbAccess.vb

VB RONT

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'@Author Vishal 15/09/16

'Public Function QueryLog() As Response\_API\_5

Dim reqbody As New Request\_API\_5

reqbody.request\_detail = New RequestDetail\_5

reqbody.transaction\_id = gTransaction\_id

reqbody.employee\_id = gEmployee\_id

reqbody.employee\_pass = gEmployee\_pass

reqbody.request\_detail.reserve\_number = 10000

' reqbody.request\_detail.member\_id = 0

reqbody.request\_detail.log\_event = 0

reqbody.request\_detail.from\_datetime = "2016-09-10 00:00:00"

reqbody.request\_detail.to\_datetime = "2016-09-27 23:59:59"

Dim txjson As String

txjson = Serialize(reqbody)

Console.WriteLine(txjson)

Dim rxjson As String

rxjson = CallApi(Api.Q\_005, txjson)

Console.WriteLine(rxjson)

Dim result As Response\_API\_5

Try

result = Deserialize(Of Response\_API\_5)(rxjson)

Catch ex As Exception

End Try

If result.transaction\_id <> reqbody.transaction\_id Then

Return Nothing

End If

Return result

'End Function

'@Author Vishal 15/09/16 updated 27/ 09 updated 28-10 vishal

2 references

Public Function QueryLog(reserve\_number As Long, from\_datetime As String, to\_datetime As String) As Response\_API\_5

Dim reqbody As New Request\_API\_5

reqbody.request\_detail = New RequestDetail\_5

reqbody.transaction\_id = gTransaction\_id

reqbody.employee\_id = gEmployee\_id

reqbody.employee\_pass = gEmployee\_pass

reqbody.request\_detail.reserve\_number = reserve\_number 'comment it, once API's are ready for log\_event

' reqbody.request\_detail.member\_id = 0

' reqbody.request\_detail.log\_event = log\_event

reqbody.request\_detail.from\_datetime = from\_datetime

100 %

Find Results 1

Find all "UCOMIMoniker", Subfolders, Find Results 1, Entire Solution, ""

C:\Projects\Japan\RONT\_2017\_01\_25ver\RONT\FrmIDcardscreenscreen.vb(121): Private Function StartupVideo(ByVal mon As UCOMIMonik

C:\Projects\Japan\RONT\_2017\_01\_25ver\RONT\FrmIDcardscreenscreen.vb(313): Private Function CreateCaptureDevice(ByVal mon As UCO

C:\Projects\Japan\RONT\_2017\_01\_25ver\RONT\FrmMaintenance.vb(119): Private Function StartupVideo(ByVal mon As UCOMIMoniker) A

C:\Projects\Japan\RONT\_2017\_01\_25ver\RONT\FrmMaintenance.vb(308): Private Function CreateCaptureDevice(ByVal mon As UCOMIMon

Matching lines: 4 Matching files: 2 Total files searched: 249

Find Results 1

Find Symbol Results

Solution Explorer

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References

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App.config

VB ApplicationEvents.vb

VB ClassAD\_1\_2.vb

VB ClassBeTech.vb

VB ClassBvcm.vb

VB ClassCreditCard.vb

VB ClassDbAccess.vb

VB ClassDcoGMO.vb

VB ClassGlobalValue.vb

VB ClassGMO.vb

VB ClassGpio.vb

VB ClassMCH3000.vb

VB ClassMemberCard.vb

VB ClassMyStringDco.vb

VB ClassUtils.vb

ClassUtils

VB ClassV2BF.vb

VB ClsMyPicture.vb

VB ClsMyString.vb

VB ClsPlaySound.vb

VB ClsScreen.vb

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VB DCOClassCreditCard.vb

FrmAddress.vb

FrmAdjust.vb

FrmAlreadyPaid.vb

FrmBusyCommunication.vb

FrmBusyInitialize.vb

FrmCardKey.vb

FrmCardKeyExtension.vb

FrmCardKeyExtension2.vb

FrmCardKeyWr.vb

FrmCash.vb

FrmCash2.vb

FrmCheckIn.vb

FrmChoosePay.vb

FrmComplete.vb

FrmCreditCancellation.vb

Solution Explorer

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FrmlDcardscanscreen.vb   FrmCash.vb [Design]   FrmPaid.vb   ApplicationEvents.vb   FrmMaintenance.vb   ClassDbAccess.vb   QueryLog

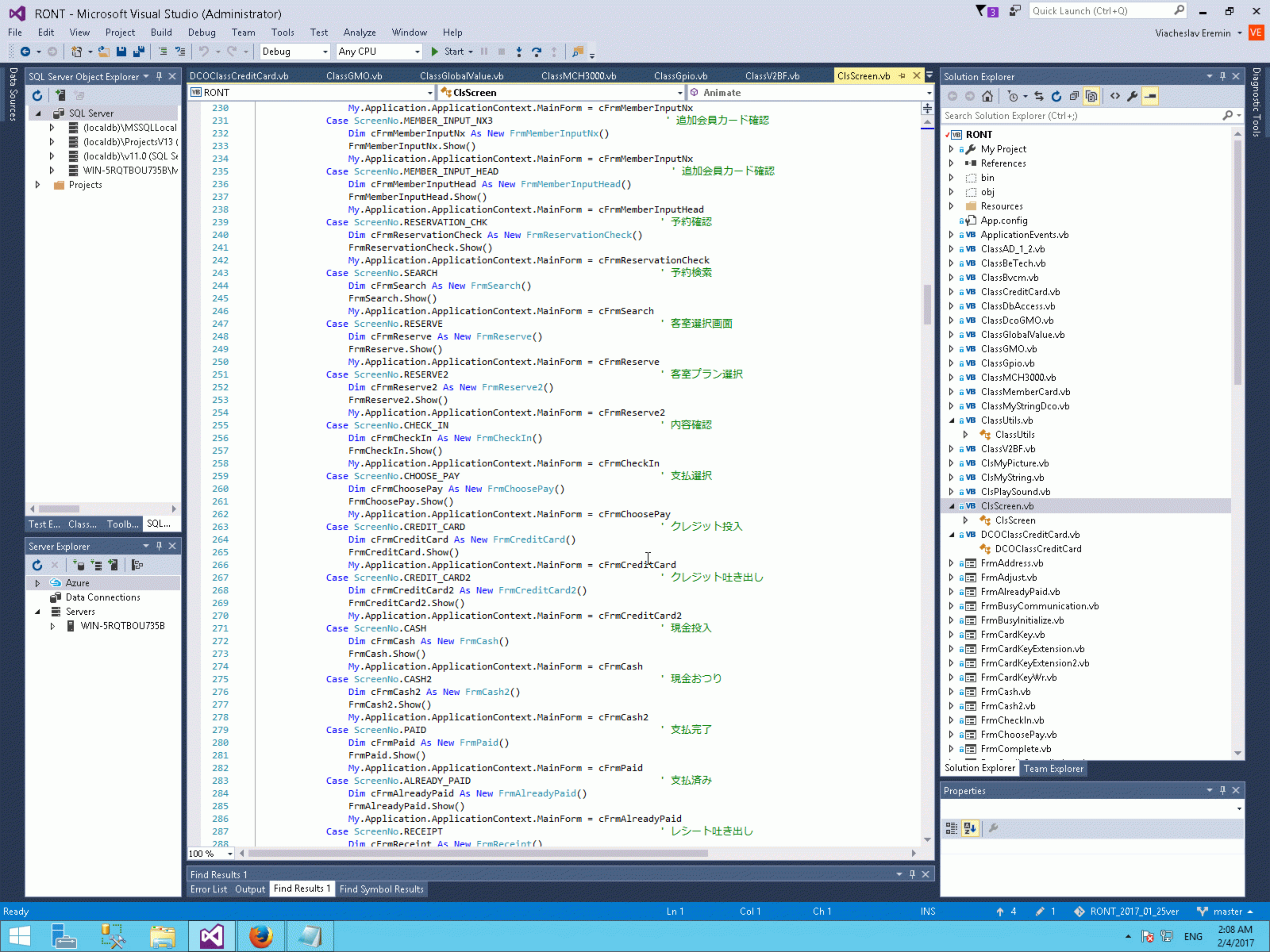
VB RONT   ClassDbAccess   QueryLog

```
1411       End Try
1412
1413       'If result.transaction_id <> reqbody.transaction_id Then
1414       '      Return Nothing
1415       'End If
1416       Return result
1417
1418     End Function
1419
1420
1421     '@Author Madhan 02/11/16
1422     3 references
1423     Public Function QueryLogDco(reserve_number As Long, from_datetime As String, to_datetime As String, ront_id As Integer) As Integer
1424         Dim reqbody As New Request_API_5
1425         reqbody.request_detail = New RequestDetail_5
1426
1427         reqbody.transaction_id = gTransaction_id
1428         reqbody.employee_id = gEmployee_id
1429         reqbody.employee_pass = gEmployee_pass
1430         reqbody.request_detail.reserve_number = reserve_number 'comment it, once API's are ready for log_event
1431         ' reqbody.request_detail.member_id = 0
1432         ' reqbody.request_detail.log_event = log_event
1433         reqbody.request_detail.from_datetime = from_datetime
1434         reqbody.request_detail.to_datetime = to_datetime
1435         reqbody.request_detail.ront_id = ront_id
1436
1437         Dim txjson As String
1438         txjson = Serialize(reqbody)
1439         'Console.WriteLine(txjson)
1440
1441         Dim rxjson As String
1442         rxjson = CallApi(Api.Q_005, txjson)
1443         'Console.WriteLine(rxjson)
1444
1445         Dim result As Response_API_5
1446         Try
1447             result = Deserialize(Of Response_API_5)(rxjson)
1448         Catch ex As Exception
1449         End Try
1450
1451         'If result.transaction_id <> reqbody.transaction_id Then
1452         '      Return Nothing
1453         'End If
1454         Return result
1455     End Function
1456
1457     '@Author Madhan 02/11/16
1458     1 reference
1459     Public Function QueryLogEventDco(member_id As Long, log_event As Integer, from_datetime As String, to_datetime As String, ront_id As Integer) As Integer
```

Error List    Output    Find Results 1    Find Symbol Results









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DebugAny CPUStart

SQL Server Object Explorer

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(localdb)\ProjectsV13

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Projects

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DCOClassCreditCard.vbClassGMO.vbClassGlobalValue.vbClassMCH3000.vbClassGpio.vbClassV2BF.vbClsScreen.vb

VB RONT

Public iNoOfPeople As Integer = 0

Public iNoOfPeopleOrgCount As Integer = 0

Public iNoOfPeopleLoopCount As Integer = 0

Public iRoomPlan As Integer = 0

Public iSmoking As Integer = 0

Public iHour As Integer = 0

Public iOption1(3) As Integer

Public iOption2(3) As Integer

'Ver-1.01 2016.07.23 NETMARU

Public sFamilyName As String = ""

Public sFirstName As String = ""

Public stelno As String = ""

Public sGender As String = ""

Public iOptionGender As Integer = 0

Public sYear As String = ""

Public sMonth As String = ""

Public sDay As String = ""

Public sEmail\_id As String = ""

Public sPostalCode As String = ""

Public iPerfectures As Integer = 0

Public sPerfectures As String = ""

Public iCities As Integer = 0

Public sCities As String = ""

Public iArea As Integer = 0

Public sArea As String = ""

Public sAddress As String = ""

'Ver-1.01 2016.07.23 NETMARU

'DCO Added by vishal 31-10

' Public sloginID As String = ""

Public sMemberID As String = ""

Public updateFlag As Boolean = False

Public select\_index As Integer = 0 ' Added by vishal fr global index for black screens

Public add\_update As Integer = 0

Public entryFrm\_Flag As Integer = 0

Public addressFrm\_Flag As Integer = 0

Public videoFrm\_Flag As Integer = 0

Public cardwriteFrm\_Flag As Integer = 0

Public writeFinishFrm\_Flag As Integer = 0

Public cardwriteErrFrm\_Flag As Integer = 0

Public memberUpdate\_Flag As Integer = 0

Public memCardErr\_Flag As Integer = 0

Public handleEmp\_Flag As Integer = 0

Public doubleCheckinErr\_Flag As Integer = 0

Public roomChangeFloorCont As Integer = 0

Public bal\_amount As Integer = 0

Public frontRont\_flag As Boolean = False

Public RoomAddtlCharge\_FloorNo As String = ""

355 references

Public Sub Display(ByVal isno As ScreenNo)

Select Case isno

Case ScreenNo.TOP

Dim cFrmTop As New FrmTop()

FrmTop.Show()

My.Application.ApplicationContext.MainForm = cFrmTop

Case ScreenNo.NO\_OB\_PEOPLE

Dim cFrmNoOfPeople As New FrmNoOfPeople()

Animate

' 1室で利用する人数

' 1室で利用する人数

' 1室で利用する人数

' 客室プラン

' 喫煙ルーム

' 時間

' 選択可能な施設オプション

' 選択可能なオプションサービス

' 姓

' 名

' 電話番号

' 性別

' 男女オプション(0: 1:男 2:女)

' 誕生日

' 誕生年

' 誕生月

' 誕生日

' 郵便番号

' 都道府県コード

' 都道府県

' 市町村コード

' 市町村

' 町域コード

' 町域

' 丁目,番地,部屋番号

' TOP画面

' 人数確認

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VB RONT

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References

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Resources

App.config

ApplicationEvents.vb

ClassAD\_1\_2.vb

ClassBeTech.vb

ClassBvcm.vb

ClassCreditCard.vb

ClassDbAccess.vb

ClassDcoGMO.vb

ClassGlobalValue.vb

ClassGMO.vb

ClassGpio.vb

ClassMCH3000.vb

ClassMemberCard.vb

ClassMyStringDco.vb

ClassUtils.vb

ClassV2BF.vb

ClsMyPicture.vb

ClsMyString.vb

ClsPlaySound.vb

ClsScreen.vb

ClsScreen

DCOClassCreditCard.vb

DCOClassCreditCard

FrmAddress.vb

FrmAdjust.vb

FrmAlreadyPaid.vb

FrmBusyCommunication.vb

FrmBusyInitialize.vb

FrmCardKey.vb

FrmCardKeyExtension.vb

FrmCardKeyExtension2.vb

FrmCardKeyWr.vb

FrmCash.vb

FrmCash2.vb

FrmCheckIn.vb

FrmChoosePay.vb

FrmComplete.vb

Properties

Find Results 1

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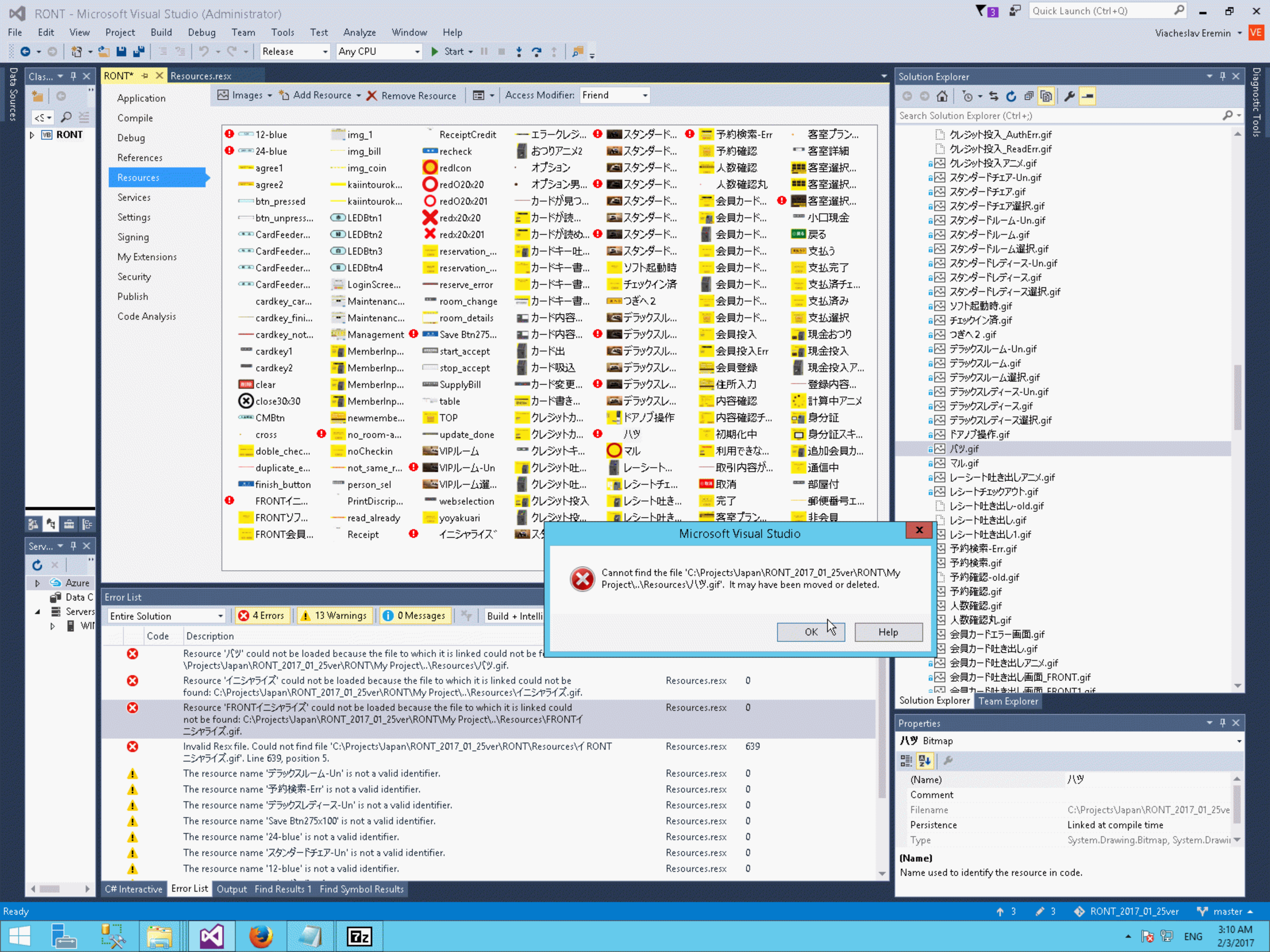
Ready

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SQL Server Object Explorer

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ClassGlobalValue.vb

ClassMCH3000.vb

ClassGpio.vb

ClassV2BF.vb

ClassMyStringDco.vb

ClassDcoGMO.vb

VB RONT

1 reference

Public Sub New()  
End Sub

' <summary>  
' 決済を行う  
' </summary>  
' <param name="ReserveID">予約番号</param>  
' <param name="Charge">利用金額</param>  
' <param name="CardNmbr">カード番号</param>  
' <param name="Expiration">有効期限 YYMM</param>  
' <param name="TransType">支払方法 1:一括、2:分割、3:ボーナス一括、4:ボーナス分割、5:リボ</param>  
' <param name="TransTimes">支払回数</param>  
' <returns></returns>

2 references

Public Function Settle(ByVal ReserveID As Long, ByVal Charge As Integer, ByVal CardNmbr As String, ByVal Expiration  
Dim dt As DateTime = System.DateTime.Now  
amount = Charge  
cardNo = CardNmbr  
expire = Expiration  
method = TransType.ToString  
payTimes = TransTimes  
orderId = ReserveID.ToString + "-" + dt.ToString("yyMMddHHmmss")  
Dim ret As Boolean = False  
If entryTran(UrlEntryTran, TestFlag) Then  
If execTran(UrlExecTran, TestFlag) Then  
ret = True  
Else  
Console.WriteLine("決済実行で失敗")  
End If  
Else  
Console.WriteLine("取引登録で失敗")  
End If  
Return ret  
End Function

' <summary>  
' キャンセルを行う  
' </summary>  
' <param name="AccessID">取引 I D</param>  
' <param name="AccessPass">取引パスワード</param>  
' <returns></returns>  
' Public Function CancelSettle(ByVal AccessID As String, ByVal AccessPass As String) As Boolean  
' Dim ret As Boolean = False  
' If alterTran(AccessID, AccessPass, "VOID") Then  
' ret = True  
' End If  
' Return ret

Find Results 1

C:\Projects\Japan\RONT\_2017\_01\_25ver\RONT\My Project\Settings.Designer.vb(66): <Global.System.ComponentModel.Design.Help

Error List

Output

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Solution Explorer

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ClassBeTech.vb

ClassBvcm.vb

ClassCreditCard.vb

ClassDbAccess.vb

ClassDcoGMO.vb

ClassGlobalValue.vb

ClassGMO.vb

ClassGpio.vb

ClassMCH3000.vb

ClassMemberCard.vb

ClassMyStringDco.vb

ClassUtils.vb

ClassUtils

ClassV2BF.vb

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ClisMyString.vb

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FrmAddress.vb

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FrmAlreadyPaid.vb

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FrmBusyInitialize.vb

FrmCardKey.vb

FrmCardKeyExtension.vb

FrmCardKeyExtension2.vb

FrmCardKeyWr.vb

FrmCash.vb

FrmCash2.vb

FrmCheckIn.vb

FrmChoosePay.vb

FrmComplete.vb

FrmCreditCancellation.vb

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ClassBvcm.vb

ClassDbAccess.vb

RONT

FrmMaintenance.vb [Design]

FrmCash.vb [Design]

FrmPaid.vb

VB RONT

ClassBvcm

New

20 Const BVCN\_NAK As Integer = 10

21 Const BVCN\_BUSY As Integer = 11

22

23 #If 0 Then

24 ' 64 Bit

25 Private Declare Function ScanIF Lib "bvcn.dll" Alias "?BVCN\_ScanInterface@@YAKPEAI@Z" (ByRef puiNumber As Integer)

26 Private Declare Function OpenIF Lib "bvcn.dll" Alias "?BVCN\_OpenInterface@@YAKPEAPEAX@Z" (ByVal uiInterface As Int

27 Private Declare Function CloseIF Lib "bvcn.dll" Alias "?BVCN\_CloseInterface@@YAKPEAX@Z" (ByVal bvcnHandle As Long)

28 Private Declare Function Stby Lib "bvcn.dll" Alias "?BVCN\_Standby@@YAKPEAXI@Z" (ByVal bvcnHandle As Long, ByVal iTa

29 Private Declare Function GetAllDt Lib "bvcn.dll" Alias "?BVCN\_GetAllData@@YAKPEAXIPEADI@Z" (ByVal bvcnHandle As Lon

30 Private Declare Function GetDt Lib "bvcn.dll" Alias "?BVCN\_GetData@@YAKPEAXIPEADI@Z" (ByVal bvcnHandle As Long, ByV

31 Private Declare Function PutDt Lib "bvcn.dll" Alias "?BVCN\_PutData@@YAKPEAXIPEAD@Z" (ByVal bvcnHandle As Long, ByVa

32 Private Declare Function LnReset Lib "bvcn.dll" Alias "?BVCN\_LineReset@@YAKPEAX@Z" (ByVal bvcnHandle As Long) As In

33 #Else

34 ' 32 Bit (Wow64)

35 Private Declare Function ScanIF Lib "bvcn.dll" Alias "?BVCN\_ScanInterface@@YGKPAI@Z" (ByRef puiNumber As Integer) A

36 Private Declare Function OpenIF Lib "bvcn.dll" Alias "?BVCN\_OpenInterface@@YGKIPAPAX@Z" (ByVal uiInterface As Integ

37 Private Declare Function CloseIF Lib "bvcn.dll" Alias "?BVCN\_CloseInterface@@YGKPAAX@Z" (ByVal bvcnHandle As Integer

38 Private Declare Function Stby Lib "bvcn.dll" Alias "?BVCN\_Standby@@YGKPAIX@Z" (ByVal bvcnHandle As Integer, ByVal i

39 Private Declare Function GetAllDt Lib "bvcn.dll" Alias "?BVCN\_GetAllData@@YGKPAIXIPADI@Z" (ByVal bvcnHandle As Integ

40 Private Declare Function GetDt Lib "bvcn.dll" Alias "?BVCN\_GetData@@YGKPAIXIPADI@Z" (ByVal bvcnHandle As Integer, By

41 Private Declare Function PutDt Lib "bvcn.dll" Alias "?BVCN\_PutData@@YGKPAIXIPAD@Z" (ByVal bvcnHandle As Integer, ByV

42 Private Declare Function LnReset Lib "bvcn.dll" Alias "?BVCN\_LineReset@@YGKPAAX@Z" (ByVal bvcnHandle As Integer) As

43 #End If

44

45 Public ifHndl As Long

46 Public ifNumber As Integer

47 Public existsCM As Integer = 0

48 Public existsBV As Integer = 0

49 Public enableCM As Integer = 0

50 Public enableBV As Integer = 0

51

52 Public coinoutCM As Integer = 0

53

54 Public cash\_10 As Integer = 0

55 Public cash\_50 As Integer = 0

56 Public cash\_100 As Integer = 0

57 Public cash\_500 As Integer = 0

58 Public cash\_1000 As Integer = 0

59

60 Public change\_10 As Integer = -1

61 Public change\_50 As Integer = -1

62 Public change\_100 As Integer = -1

63 Public change\_500 As Integer = -1

64

65 Public change\_1000 As Integer = 0

66

67 Public paid\_10 As Integer = 0

68 Public paid\_50 As Integer = 0

69 Public paid\_100 As Integer = 0

70 Public paid\_500 As Integer = 0

'インターフェースハンドル  
'インターフェース数

Find Results 1

Find all "bvcn.dll", Subfolders, Find Results 1, Entire Solution, ""

C:\Projects\Japan\RONT\_2017\_01\_25ver\RONT\ClassBvcm.vb(25): Private Declare Function ScanIF Lib "bvcn.dll" Alias "?BVCN\_Scan

C:\Projects\Japan\RONT\_2017\_01\_25ver\RONT\ClassBvcm.vb(26): Private Declare Function OpenIF Lib "bvcn.dll" Alias "?BVCN\_Open

C:\Projects\Japan\RONT\_2017\_01\_25ver\RONT\ClassBvcm.vb(27): Private Declare Function CloseIF Lib "bvcn.dll" Alias "?BVCN\_Clo

C:\Projects\Japan\RONT\_2017\_01\_25ver\RONT\ClassBvcm.vb(28): Private Declare Function Stby Lib "bvcn.dll" Alias "?BVCN\_Standb

Private Declare Function ScanIF Lib "bvcn.dll" Alias "?BVCN\_ScanInterface@@YAKPEAI@Z" (ByRef puiNumber As Integer) As Integer

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