

Validating Creditor Bank Accounts

Do you pay your Creditors Electronically and sometimes forget to enter their Bank Account Number?

Do you find it easy to make mistakes when entering Bank Account Numbers because there is only one field to key into, as opposed to separate fields for each segment of the number like your Banking Software has? The reason Accredo only provides one field, is to allow for Creditor Bank Account numbers from any country.

You can use a validation script to ensure Bank Account Numbers have been formatted correctly for Electronic Payment method Creditors, based off the Country Code for the Creditor.

We have written a validation script for **NZD** and **AUD** Creditors, so that on save the Bank Accounts must be entered in the format determined by the currency as below.

NZD Creditors Bank Account Format must be:

- 2 Digit Bank
- 4 Digit Branch
- 7 Digit Account
- 2 or 3 Digit Suffix

Each segment is separated by a hyphen. For example:

AA-BBBB-CCCCCC-DD or AA-BBBB-CCCCCC-DDD

AUD Creditors Bank Account Format must be:

- 3 Digit Bank State
- 3 Digit Branch
- 9 Digit Account

Each segment is separated by a hyphen. For example:

AAA-BBB-CCCCCCCC

Script Example

Use the sample script below and link it to the **APCreditorForm.BeforeSave** Script Event.

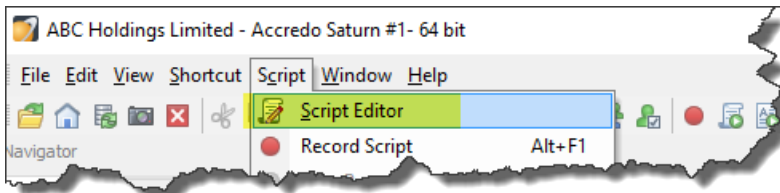
If you already have a script linked to this Event, you will need to get your existing script modified. Your QSP or Accredo Support can assist with this.

1 Copy the entire script text below, or you can download the script from ftp://ftp.accredo.co.nz/Public/Downloads/Scripts/APCreditor_BeforeSaveValidateNZDAndAUDBankAccountNos.pfs.

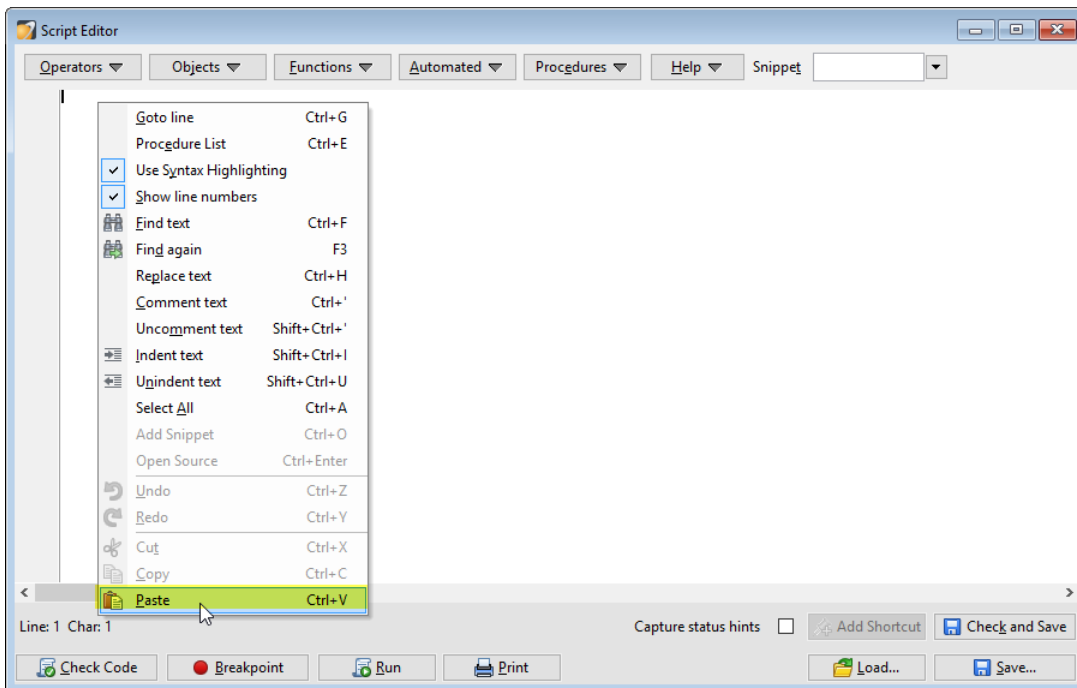
```
const SNZDAccountError = "Account no. format should be 'AA-BBBB-CCCCCCC-DD'."
const SAUDAccountError = "Account no. format should be 'AAA-BBB-CCCCCCCC'."
Dim APForm as Object
Function CheckFormatNZD(aBankAccount) as Boolean
    'format should be AA-BBBB-CCCCCCC-DD where
    'AA = Bank 2 Digit
    'BBBB - Branch 4 Digits
    'CCCCCCC - Account 7 Digits
    'DD - Suffix 2 Digits
    Result = False
    Tokens = Split(aBankAccount, "-")
    If Tokens.Count = 4 Then
        Bank = Tokens[0]
        Branch = Tokens[1]
        Account = Tokens[2]
        Suffix = Tokens[3]
        Result = Len(Bank) = 2 and Len(Branch) = 4 and Len(Account) = 7 and (Len(Suffix) = 2 or Len(Suffix) = 3)
    End If
    Return Result
End Function
Function CheckFormatAUD(aBankAccount) as Boolean
    'format should be AAA-BBB-CCCCCCCC where
    'AAA = Bank 2 Digit State 1 Digit
    'BBB - Branch 3 Digits
    'CCCCCCCC - Account 9 Digits
    Result = False
    Tokens = Split(aBankAccount, "-")
    If Tokens.Count = 3 Then
        Bank = Tokens[0]
        Branch = Tokens[1]
        Account = Tokens[2]
        Result = Len(Bank) = 3 and Len(Branch) = 3 and Len(Account) = 9
    End If
    Return Result
End Function
' ----- Start of Main -----
APForm = GetTriggerObject
BankAccountNo = APForm.BankAccountNo
If BankAccountNo = "" Then
    If APForm.DefaultPaymentMethod = "Electronic" and (APForm.CurrencyCode = "NZD" or APForm.CurrencyCode = "AUD") Then
        APForm.ShowErrorHint("Bank Account No. must be specified", "BankAccountNo")
        Abort("", True)
    End If
ElseIf BankAccountNo <> "" and APForm.CurrencyCode = "NZD" and (not CheckFormatNZD(BankAccountNo)) Then
    APForm.ShowErrorHint("Bank Account No. is not in the correct format. " & SNZDAccountError, "BankAccountNo")
End If
```


```
Abort("", True)
ElseIf BankAccountno <> "" and APForm.CurrencyCode = "AUD" and (not CheckFormatAUD(BankAccountNo)) Then
    APForm.ShowErrorHint("Bank Account No. is not in the correct format. " & sAUDAccountError, "BankAccountNo")
    Abort("", True)
End If
```

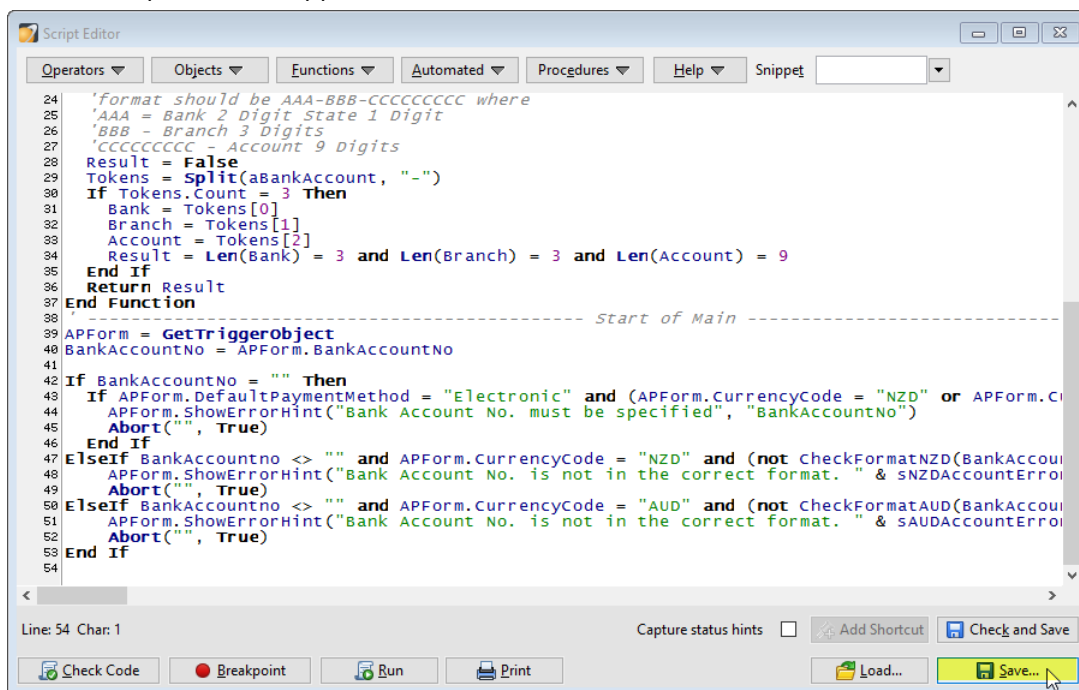
2 Go to Accredo > Script > Script Editor.



3 Right-click inside the Script Editor and click Paste.

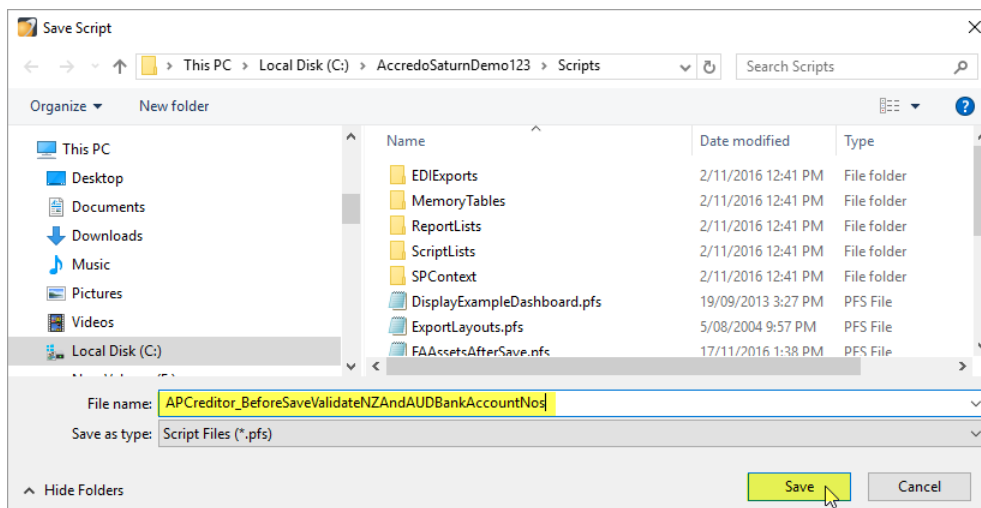


4 The script code will appear. Click  **Save** (Ctrl+S).





```
24 'format should be AAA-BBB-CCCCCCCC where
25 'AAA = Bank 2 Digit State 1 Digit
26 'BBB - Branch 3 Digits
27 'CCCCCCCC - Account 9 Digits
28
29 Result = False
30 Tokens = Split(aBankAccount, "-")
31 If Tokens.Count = 3 Then
32     Bank = Tokens[0]
33     Branch = Tokens[1]
34     Account = Tokens[2]
35     Result = Len(Bank) = 3 and Len(Branch) = 3 and Len(Account) = 9
36 End If
37 Return Result
38 End Function
39
40 ----- Start of Main -----
41 APForm = GetTriggerObject
42 BankAccountNo = APForm.BankAccountNo
43
44 If BankAccountNo = "" Then
45     If APForm.DefaultPaymentMethod = "Electronic" and (APForm.CurrencyCode = "NZD" or APForm.C
46     APForm.ShowErrorHint("Bank Account No. must be specified", "BankAccountNo")
47     Abort("", True)
48 End If
49 ElseIf BankAccountNo <> "" and APForm.CurrencyCode = "NZD" and (not CheckFormatNZD(BankAccount
50 APForm.ShowErrorHint("Bank Account No. is not in the correct format. " & SNZDAccountError
51 Abort("", True)
52 ElseIf BankAccountNo <> "" and APForm.CurrencyCode = "AUD" and (not CheckFormatAUD(BankAccount
53 APForm.ShowErrorHint("Bank Account No. is not in the correct format. " & SAUDAccountError
54 Abort("", True)
55 End If
```

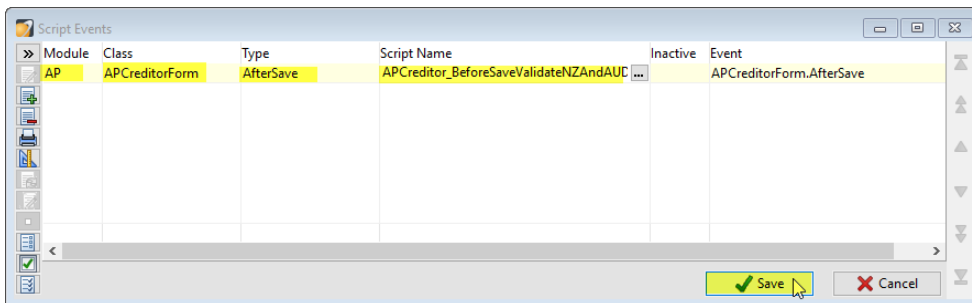
5 Give the script a meaningful file name, such as **APCreditor_BeforeSaveValidateNZDandAUDBankAccountNos** then click **Save**.



6 Go to Main Menu > Script > Script Events.

Check if you have **APCreditorForm.AfterSave** listed in the Event column already. If you do, you will need to get the linked script modified if you want this functionality. Your QSP or Accredo Support can assist with this. If you do not have APCreditorForm.AfterSave in the Event column, follow the steps below.

- a) Click  **Edit** (F11).
- b) Select MODULE: **AP**
- c) Select CLASS: **APCreditorForm**
- d) Select TYPE: **AfterSave**
- e) In SCRIPTNAME, press F2 and browse to **APCreditor_BeforeSaveValidateNZAndAUDBankAccountNos.pfs**
- f) Click  **Save** (F9)



Now, whenever you go to save an NZD or AUD Electronic Payment Method Creditor, Accredo will check the Bank Account Number exists and that it has been entered in the correct format.