

## 10 Import scripts: 10.3 Calculation loop

---

**Set Error Capture** [ On ]

*#LWM Comp variable settings*

**Set Variable** [ \$\$MinimumAssets; Value:35000 ]

**Set Variable** [ \$\$Chargeback; Value:12.5 ]

*#Perform Find \$\$Process\_ID*

**Perform Find** [ Specified Find Requests: Find Records; Criteria: Transactions::Process\_ID: ""\$\$Process\_ID"" ]  
[ Restore ]

*#\*\*\*\*\**

*#1) Date fields and variables*

*#\*\*\*\*\**

*#This is essentially the same script that handles fee tier*

*#calculation as what is completed in pro-rata billing cycles.*

*#Quarter variables and fields*

**If** [ \$\$Process = "Quarterly" ]

**Set Variable** [ \$\$QuarterOrdinale; Value:Left ( Globals::PickQuarter ; 3 ) ]

**Else If** [ \$\$Process = "Pro-rata" ]

**Set Variable** [ \$\$QuarterOrdinale; Value:Case (   
        Transactions::ProMonth = "January" ; "1st" ;   
        Transactions::ProMonth = "February" ; "1st" ;   
        Transactions::ProMonth = "March" ; "1st" ;   
        Transactions::ProMonth = "April" ; "2nd" ;   
        Transactions::ProMonth = "May" ; "2nd" ;   
        Transactions::ProMonth = "June" ; "2nd" ;   
        Transactions::ProMonth = "July" ; "3rd" ;   
        Transactions::ProMonth = "August" ; "3rd" ;   
        Transactions::ProMonth = "September" ; "3rd" ;   
        "4th"   
    ) ]

**Else**

**End If**

**Set Field** [ Globals::Quarter\_Begin; Case ( \$\$QuarterOrdinale = "1st" ; "01/01/" & \$\$Year   
    ; \$\$QuarterOrdinale = "2nd" ; "04/01/" & \$\$Year ; \$\$QuarterOrdinale = "3rd" ; "07/01/" & \$\$Year ; "10/01/" & \$\$Year ) ]

**Set Field** [ Globals::Quarter\_End; Case ( \$\$QuarterOrdinale = "1st" ; "03/31/" & \$\$Year   
    ; \$\$QuarterOrdinale = "2nd" ; "06/30/" & \$\$Year ; \$\$QuarterOrdinale = "3rd" ; "09/30/" & \$\$Year ; "12/31/" & \$\$Year ) ]

**Set Variable** [ \$\$QuarterEnd; Value:Globals::Quarter\_End ]

**Set Variable** [ \$\$QuarterBegin; Value:Globals::Quarter\_Begin ]

**Set Field** [ Globals::DAP\_Quarter; \$\$Quarter ]

*#Set month if variable isEmpty*

**If** [ IsEmpty ( \$\$Month ) ]

**Set Variable** [ \$\$Month; Value:Case ( \$\$QuarterOrdinale = "1st" ; "January" ; \$\$QuarterOrdinale = "2nd" ; "April" ; \$\$QuarterOrdinale =   
        "3rd" ; "July" ; "October" ) ]

**End If**

## 10 Import scripts: 10.3 Calculation loop

---

*#Set variable \$\$MonthCount*

**Set Variable** [ \$\$MonthCount; Value:Case ( \$\$Month = "January" ; 1 ; \$\$Month = "February" ; 2 ; \$\$Month = "March" ; 3 ; \$\$Month = "April" ; 4 ;  
\$\$Month = "May" ; 5 ; \$\$Month = "June" ; 6 ; \$\$Month = "July" ; 7 ; \$\$Month = "August" ; 8 ; \$\$Month = "September" ; 9 ; \$\$Month =  
"October" ; 10 ; \$\$Month = "November" ; 11 ; \$\$Month = "December" ; 12 ) ]

**Set Variable** [ \$\$T\_MonthCount; Value:Case ( \$\$T\_Month = "January" ; 1 ; \$\$T\_Month = "February" ; 2 ; \$\$T\_Month = "March" ; 3 ; \$\$T\_Month  
= "April" ; 4 ; \$\$T\_Month = "May" ; 5 ; \$\$T\_Month = "June" ; 6 ; \$\$T\_Month = "July" ; 7 ; \$\$T\_Month = "August" ; 8 ; \$\$T\_Month =  
"September" ; 9 ; \$\$T\_Month = "October" ; 10 ; \$\$T\_Month = "November" ; 11 ; \$\$T\_Month = "December" ; 12 ) ]

**If** [ IsEmpty ( \$\$MonthCount ) ]

**Set Variable** [ \$\$MonthCount; Value:\$\$T\_MonthCount ]

**End If**

*\$\$QuarterDays*

**Set Variable** [ \$\$QuarterDays; Value:(( Globals::Quarter\_End - Globals::Quarter\_Begin ) + 1 ) ]

**If** [ \$\$QuarterDays > 92 or \$\$QuarterDays < 90 ]

**Show Custom Dialog** [ Title: "Quarter Days Error"; Message: "There is an error with the number of days in the quarter."; Default Button:  
"OK", Commit: "Yes" ]

**Go to Layout** [ "AN: Billing Module" (Quarterly Markers) ]

**Halt Script**

**End If**

**Replace Field Contents** [ Transactions::QuarterDays; Replace with calculation: \$\$QuarterDays ]

[ No dialog ]

*\*\*\*\*\**

*#2) Prep for loop calculations*

*\*\*\*\*\**

**If** [ \$\$Process = "Pro-rata" ]

*#Clear Uploads table*

**Go to Layout** [ "C6 Uploads" (Exports) ]

**Show All Records**

**Delete All Records**

[ No dialog ]

**End If**

*#Look for Missing IAR\_Code*

**Perform Script** [ "08.7 Missing IAR\_Code check" ]

*\*\*\*\*\**

*# 3) Calculations loop*

*\*\*\*\*\**

**Go to Layout** [ "C1 Transactions" (Transactions) ]

**Show All Records**

*#Perform find on \$\$Process\_ID*

**Perform Find** [ Specified Find Requests: Find Records; Criteria: Transactions::Process\_ID: "\*"\$\$Process\_ID" ]

[ Restore ]

**Go to Record/Request/Page**

[ First ]

**Loop**

If [ Transactions::Billing Plan = "Zero Dollar Plan" or Transactions::Billing Plan = "Zero Dollar PlanU" or Transactions::Billing Plan = "CJ Zero Dollar PlanU" or Transactions::Billing Plan = "CJ Zero Dollar Plan" ]

**Set Field** [ Transactions::Billing Plan; "ZDP" ]

**End If**

#\*\*\*\*\*

*#Capture Quarterly Assets and Pro-rata Amount*

#\*\*\*\*\*

If [ \$\$Process = "Quarterly" ]

*#Quarterly \$\$Assets*

**Go to Object** [ Object Name: "Assets" ]

**Set Variable** [ \$\$Assets; Value:Get ( ActiveFieldContents )]

**Else If** [ \$\$Process = "Pro-rata" ]

*#Pro-rata \$\$Assets*

**Go to Object** [ Object Name: "Amount" ]

**Set Variable** [ \$\$Assets; Value:Get ( ActiveFieldContents )]

**End If**

#\*\*\*\*\*

*#Capture PlanTiers and establish Fee-Rate*

#\*\*\*\*\*

**Set Variable** [ \$\$HUFTValue; Value:"" ]

**Go to Object** [ Object Name: "PlanTiers" ]

**Set Variable** [ \$\$PlanTiers; Value:Get ( ActiveFieldContents )]

If [ \$\$PlanTiers = 1 ]

**Set Field** [ Transactions::Fee\_Rate; Fee Schedules::Tier1\_Fee\_Bps ]

**Else If** [ \$\$PlanTiers = 2 ]

**Set Field** [ Transactions::Fee\_Rate; Case ( \$\$Assets < Fee Schedules::Tier1\_Max\_Dollars ; Fee Schedules::Tier1\_Fee\_Bps ; Fee Schedules::Tier2\_Fee\_Bps ) ]

**Else If** [ \$\$PlanTiers = 5 ]

**Set Field** [ Transactions::Fee\_Rate; Case (   
 \$\$Assets < Fee Schedules::Tier1\_Max\_Dollars ; Fee Schedules::Tier1\_Fee\_Bps ;   
 \$\$Assets < Fee Schedules::Tier2\_Max\_Dollars ; Fee Schedules::Tier2\_Fee\_Bps ;   
 \$\$Assets < Fee Schedules::Tier3\_Max\_Dollars ; Fee Schedules::Tier3\_Fee\_Bps ;   
 \$\$Assets < Fee Schedules::Tier4\_Max\_Dollars ; Fee Schedules::Tier4\_Fee\_Bps ;   
 Fee Schedules::Tier5\_Fee\_Bps

```

    )]
Else If [ $$PlanTiers = "4H" ]
    If [ $$Process = "Pro-rata" ]
        Loop
            Go to Object [ Object Name: "AValue" ]
            If [ not IsEmpty ( Get (ActiveFieldContents) ) ]
                Set Variable [ $$HUFTValue; Value:Get (ActiveFieldContents) ]
                Exit Loop If [ not IsEmpty ( $$HUFTValue ) ]
            End If
            Go to Portal Row
                [ Select; Previous; Exit after last ]
        End Loop
        Set Variable [ $$HUFTAssets; Value:$$Assets + $$HUFTValue ]
        If [ $$HUFTAssets ≤ 1000000 ]
            Set Field [ Transactions::Fee Rate; 150 ]
        Else If [ $$HUFTAssets ≤ 3000000 and $$HUFTAssets > 1000000 ]
            Set Field [ Transactions::Fee Rate; 125 ]
        Else If [ $$HUFTAssets ≤ 5000000 and $$HUFTAssets > 3000000 ]
            Set Field [ Transactions::Fee Rate; 100 ]
        Else If [ $$HUFTAssets > 5000000 ]
            Set Field [ Transactions::Fee Rate; 85 ]
        End If
    Else If [ $$Process = "Quarterly" ]
        If [ $$Assets ≤ 1000000 ]
            Set Field [ Transactions::Fee Rate; 150 ]
        Else If [ $$Assets ≤ 3000000 and $$Assets > 1000000 ]
            Set Variable [ $$ExcessOnTier; Value:$$Assets - 1000000 ]
            Set Field [ Transactions::Fee Rate; (( 150000000 ) + ( $$ExcessOnTier * 125 )) / $$Assets ]
        Else If [ $$Assets ≤ 5000000 and $$Assets > 3000000 ]
            Set Variable [ $$ExcessOnTier; Value:$$Assets - 3000000 ]
            Set Field [ Transactions::Fee Rate; (( 400000000 ) + ( $$ExcessOnTier * 100 )) / $$Assets ]
        Else If [ $$Assets > 5000000 ]
            Set Variable [ $$ExcessOnTier; Value:$$Assets - 5000000 ]
            Set Field [ Transactions::Fee Rate; (( 600000000 ) + ( $$ExcessOnTier * 85 )) / $$Assets ]
        End If
    End If
End If

#*****
#Count days until the end of the quarter for credit and debit calculations
#*****

If [ $$Process = "Pro-rata" ]
    Set Field [ Transactions::CountDays; ( $$QuarterEnd - Transactions::Process Date ) ]
Else
    Set Field [ Transactions::CountDays; ( $$QuarterEnd - $$QuarterBegin ) + 1 ]
End If

```

**Go to Object** [ Object Name: "PayType" ]

**Set Variable** [ \$\$PayType; Value:Get (ActiveFieldContents) ]

*#####*

*#Base Comp Module*

*#####*

**Perform Script** [ "10.4 Base Comp Module" ]

**If** [ \$\$PayType = "Variable" ]

*#####*

*#% Variable Comp Module*

*#####*

**Perform Script** [ "10.5 Variable % Comp Module" ]

**Else If** [ \$\$PayType = "Fixed" ]

*#####*

*#% Fixed Comp Module*

*#####*

**Perform Script** [ "10.6 Fixed % Comp Module" ]

**End If**

*##\$TierCount*

**Set Variable** [ \$\$TierCount; Value:1 ]

*#Make active field at top of layout*

**Go to Field** [ Transactions::Client Name ]

**If** [ \$\$Process = "Pro-rata" ]

*#Checks to see if record is a new Folio record and removes it from upload*

**Go to Object** [ Object Name: "AN" ]

**Set Variable** [ \$\$AN; Value:Get ( ActiveFieldContents ) ]

**Go to Object** [ Object Name: "ChangeBill" ]

**Set Variable** [ \$\$ChangeBill; Value:Get ( ActiveFieldContents ) ]

*#Pro-rata copy to Upload*

**Perform Script** [ "11.4 Folio Upload" ]

**End If**

**Go to Record/Request/Page**

[ Next; Exit after last ]

**End Loop**

**If** [ \$\$Process = "Quarterly" ]

**Exit Script** [ ]

**Else**

*#Export Prorata Data*

**Perform Script** [ "11.5 Folio Pro-rata Export" ]

*#PRO-RATA FILE LOG*

**Go to Layout** [ "C3 Prorata" (Prorata) ]

**New Record/Request**

**Set Field** [ Prorata::Month; \$\$Month ]

**Set Field** [ Prorata::Custodian; \$\$Custodian ]

**Set Field** [ Prorata::RIA; \$\$RIA ]

**Set Field** [ Prorata::StartDate; \$\$StartDate ]

**Set Field** [ Prorata::StopDate; \$\$StopDate ]

**Set Field** [ Prorata::Process\_ID; \$\$Process\_ID ]

**End If**

**Exit Script** [ ]



