How to Identify Missing Cost Information

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As you know, Axys provides the means for maintaining cost basis in Axys. You can specify closing methods (highest cost, FIFO, etc). You can sell against specific lots using the LOT:QTY specification in the trade blotter. Provided that you enter cost date and cost amount for all deliver-in transactions, Axys does a good job of maintaining cost basis (except for wash sales…but I'll save that topic for next quarter's newsletter article).

The key to maintaining cost basis in Axys is entering cost date and cost amount for all deliver-in transactions (si, li, ti). If you do not enter cost date and cost amount on a deliver-in transaction, Axys will default to market-value-on-trade-date for all of its cost calculations....and on all of its reports. None of the standard Axys reports display question marks for missing cost information. The standard Axys reports display the default value of market-value-on-trade-date, so identifying the specific transactions that are missing cost information can be somewhat of a challenge.

In this article, I'll show you how to use a combination of Report Writer Pro and Replang to create a report that will identify all deliver in transactions with missing cost information. So, continuing in our tradition…if you have a desire to do some programming, start up Report Writier Pro, start up your text editor and read on.

1. In Report Writer Pro, create a new report using the Transaction Summary template. Include the following 13 columns: Portfolio_Code_No_Path, Tran_Code, Security_Type_Code, Security_Symbol_No_Type, Security_Name_Or_Split_Description, Trade_Date, Original_Cost_Date, Quantity, Trade_Amount_Local, Original_Cost, Source_Dest_Type_Code, Source_Dest_Symbol_No_Type, Lot

2. Under Define à Options, change the Report Options to make this a Management Mode report
3. Under Data à Filter, add the following four lines to the Filter
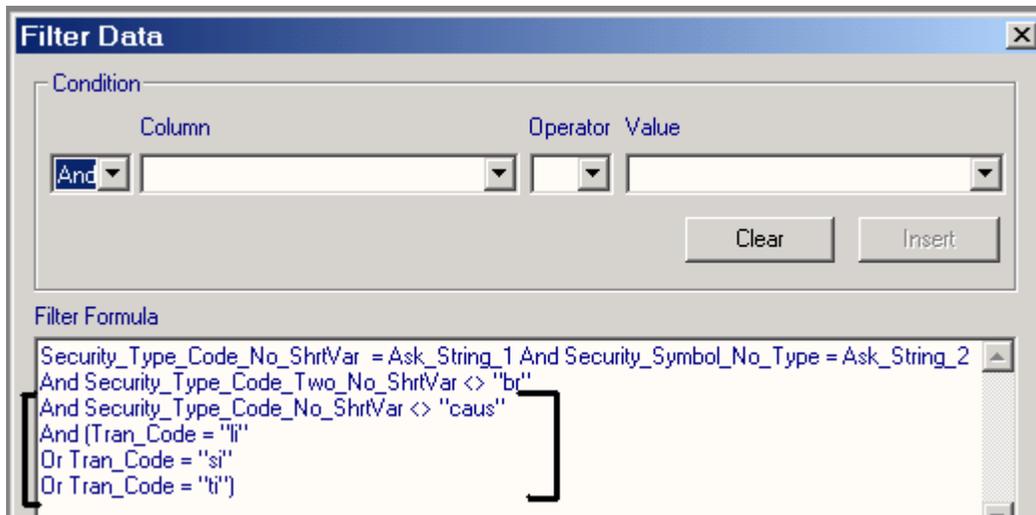
This filter modifies our transaction summary to include only transactions with tran code li, ti, or si. Additionally, it will exclude deliver-in transactions for cash.

4. Finally, under Define à Report Header, line 2 of the Report Header to be "DELIVER IN TRANSACTIONS" and add ($askport) as header line 6.

5. Test your report. Your report should resemble the one pictured below.

6. Save your Report Writer Pro report. I saved mine as _nocost.rpw. In Windows Explorer, copy _nocost.rpw to _nocost.rep. Now we have a .rep file we can edit without affecting our original .rpw file.

7. Open _nocost.rep in your favorite text editor. It should look something like this:


```
j:\axys3\rep\_nocost.rep
1  ;Axys Report Writer Pro Version 1.0.0.272
2  ;Report class TSUM (management-detail)
3  ;Fixed width
4  management
5  call a define constants
6  ;Dialog
7  ;Set custom dialog text
8  $_asdtxt This report displays a portfolio's transactions within a
```

8. Find the DIALOG… END section of the dialog box statements. Comment out line 25 by placing a semi-colon in front of the line, and add line 26 as shown below

```
23 ACC $_ask1 , ADDS_EDIT ADDS_TYPE ADDS_WILD ADDS_OPTIONAL ,  * ,"Security T&ype (opti
24 ACC $_ask2 , ADDS_EDIT ADDS_SYMBONLY ADDS_WILD ADDS_OPTIONAL ,  ,"&Security Symbol (
25 ;ACC $dosplit , ADDS_CHECK | ADDS_YESNO , ,"&Include split transactions on report"
26 ACC $misscst , ADDS_CHECK | ADDS_YESNO , ,"&Include only txns with missing cost info
27 ASCG_COMMENTS
```

We don't want a checkbox for 'Include split transactions" but we do want a checkbox which will allow us to show only those transactions with missing cost information.

9. add lines 57, 58, 59 as shown below.

```
55 $title DELIVER IN TRANSACTIONS
56 .$^title\n
57 if $misscst "y" =*
58    $title2 WITH MISSING COST INFORMATION
59    .$^title2\n
60 if $cligrp "" =*!
61    $^cligrp\n
```

10. and add lines 109 and 110 as shown below

```
107 if $:ftype1 $_ask1 =$ $:snmb $_ask2 =$ & $:ty
108    null this; mark this tran for removal
109 if $misscst "y" =* #:nval3 @?! &
110    null this; mark this tran for removal
111 next tran
112 null remove; all nulled trans
```

11. and add line 33 as shown below

```
30 ASCG_BROWSE
31 ASCG_SENS
32 END
33 $dosplit n
34 fxmap n
35 endmonth #cutdate
```

All done. Save your rep file and run it. Your new report will display only the deliver in transactions that are missing cost information.

Test System
DELIVER IN TRANSACTIONS
WITH MISSING COST INFORMATION
(@_diane3)
From 01-01-50 To 01-24-03

Portfolio Code	Tran Code	Sec Type Code	Security Symbol	Security	Trade Date	Original Cost Date	Quantity	Trade Amount	Original Cost
_diane	li	cdus	356611gb3	Fremont Invt & Ln Calif. CTF Dep .5.900%04/21/06 5.900%Due 04-21-06	07-07-00	??-??-??	20,000	0.00	?
_diane	li	cdus	55262wm29	MBNA America Bank NA Newark Del Ctf Dep Bif Insd 6.150%08/05/02 6.150%Due 08-05-02	07-07-00	??-??-??	20,000	100.00	?
_diane	li	cdus	74407fgq7	Providian National Bank Tilton NH Ctf Dep 5.200%04/23/01 5.200%Due 04-23-01	07-07-00	??-??-??	20,000	100.00	?
_diane2	li	bfus	vwehx	Vanguard High-Yield Corp Fund Investor Shr	06-30-00	??-??-??	1,000.000	10,000.00	?

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