

ts_print in a few easy steps

There are four screens:
Entities, Data Items, Date, and Report Format.

The screenshot displays the 'Entities' screen of the 'TS_PRINT 2.60' application. The window title bar shows 'TS_PRINT 2.60' and standard window controls. The interface is divided into several sections:

- Navigation Tabs:** 'Entities', 'Data Items', 'Date', and 'Report Format and Options'. Green arrows from the text above point to these tabs.
- Entities List:** A vertical list on the left with radio buttons for 'List/Index', 'List - File', 'Portfolio - File', and 'Portfolio - All'. 'List/Index' is selected.
- Creating List and Index entities:** A central panel with three radio buttons: 'One Security' (selected), 'All Securities', and 'Index'. To the right are dropdown menus for 'PERMNO' and 'Date Range', and input fields for 'Beginning Date' and 'Ending Date'. A 'Find...' button is next to the 'PERMNO' dropdown.
- Header:** A section with radio buttons for 'PERMNO' (selected), 'CUSIP', 'Ticker', 'Company Name', 'User defined' (with an adjacent input field), and 'No header'.
- Filter and Clear:** A 'Filter' button and a text input field, and a 'Clear' button.
- Function Buttons:** A row of buttons: 'Add Entity F1', 'Delete Entity F2', 'Clear List F3', and 'Comments F4'.
- Bottom Bar:** A row of buttons: 'SAVE FILE F5', 'LOAD FILE F6', 'PROCESS FILE F7', 'ONLINE HELP F8', and 'VIEW FILE F9'.



ts_print in a few easy steps

Information must be added for each of the four screens to build a *ts_print* request file:

Entities – The security, index, or portfolio for which you wish to extract data.

Data Items – The data you wish to extract for the Entity.

Date – The date range or period of time and the reporting frequency for which you wish to report the Data Items for the Entities.

Report Format – The formatting of your report.



Step 1: Entities

TS_PRINT 2.60

Entities Data Items Date Report Format and Options

Entities

Creating List and Index entities

One Security All Securities Index

PERMNO Date Range Beginning Date: Ending Date:

Find...

Header

PERMNO CUSIP Ticker Company Name

User defined No header

Filter Clear

Add Entity F1 Delete Entity F2 Clear List F3 Comments F4

SAVE FILE F5 LOAD FILE F6 PROCESS FILE F7 ONLINE HELP F8 VIEW FILE F9

Used to identify the stock/index/portfolio you are interested in.



Step 1: Entities

TS_PRINT 2.60

Entities | Data Items | Date | Report Format and Options

Entities

Creating List and Index entities

One Security All Securities Index

PERMNO Find...

Date Range Beginning Date:

Ending Date:

Header

PERMNO CUSIP Ticker Company Name

User defined No header

Filter

Clear

Add Entity F1 | Delete Entity F2 | Clear List F3 | Comments F4

SAVE FILE F5 | LOAD FILE F6 | PROCESS FILE F7 | ONLINE HELP F8 | VIEW FILE F9

First, you have to find the issue or index...Click on Find.



Step 1: Entities

This screen appears after clicking on Find.

LOCATE PERMNO

Contains Microsoft Locate

PERMNO	COMPANY NAME	TICKER	CUSIP	EX	DATE
--------	--------------	--------	-------	----	------

Company Name
 PERMNO
 Ticker
 Cusip

ENTITY HEADER

Company Name

Exchange Codes 1=NYSE 2=AMEX 3=NASDAQ

Select the desired search criteria.

Note: "Microsoft" corresponds to Company Name - This is the default way of choosing the stock you are interested in.

Step 1: Entities

This screen appears after clicking on Find.

LOCATE PERMNO

Contains Microsoft Locate

PERMNO	COMPANY NAME	TICKER	CUSIP	EX	DATE
--------	--------------	--------	-------	----	------

Company Name
 PERMNO
 Ticker
 Cusip

ENTITY HEADER

Company Name

Exchange Codes 1=NYSE 2=AMEX 3=NASDAQ

Once you have entered the desired company, and search criteria, click on Locate. In this case we are looking at Microsoft with the default search criteria.

Step 1: Entities

PERMNO is CRSP's unique security identifier, tracking the issue over time. PERMNO captures changes like; name changes, distributions, shares changes, delisting data, etc...

LOCATE PERMNO

Contains Microsoft Locate

PERMNO	COMPANY NAME	TICKER	CUSIP	EX	DATE
10107	MICROSOFT CORP	MSFT	59491810	3	19860313-20010731

Company Name
 PERMNO
 Ticker
 Cusip

ENTITY HEADER

Company Name

Exchange Codes 1=NYSE 2=AMEX 3=NASDAQ



Step 1: Entities

The screenshot shows a software window titled "LOCATE PERMNO". At the top, there is a search bar with a dropdown menu set to "Contains" and the text "Microsoft" entered. A "Locate" button is to the right. Below the search bar is a table with the following columns: PERMNO, COMPANY NAME, TICKER, CUSIP, EX, and DATE. The first row of the table is highlighted in red and contains the following data: 10107, MICROSOFT CORP, MSFT, 59491810, 3, and 19860313-20010731. To the right of the table is a vertical list of radio buttons: "Company Name" (selected), "PERMNO", "Ticker", and "Cusip". Below these is a checked checkbox for "ENTITY HEADER" and a dropdown menu currently showing "Company Name". At the bottom of the window, there is a footer with the text "Exchange Codes 1=NYSE 2=AMEX 3=NASDAQ". A green oval highlights the first row of the table, and a green arrow points from the bottom of the oval to the text below.

PERMNO	COMPANY NAME	TICKER	CUSIP	EX	DATE
10107	MICROSOFT CORP	MSFT	59491810	3	19860313-20010731

Double click on the relevant text line that identifies the issue you are interested in.

Step 1: Entities

TS_PRINT 2.60

Entities | Data Items | Date | Report Format and Options

Entities

Creating List and Index entities

One Security PERMNO 10107 Find...

All Securities Date Range Beginning Date: []

Index Ending Date: []

Header

PERMNO CUSIP Ticker Company Name

User defined MICROSOFT CORP No header

Filter []

Clear

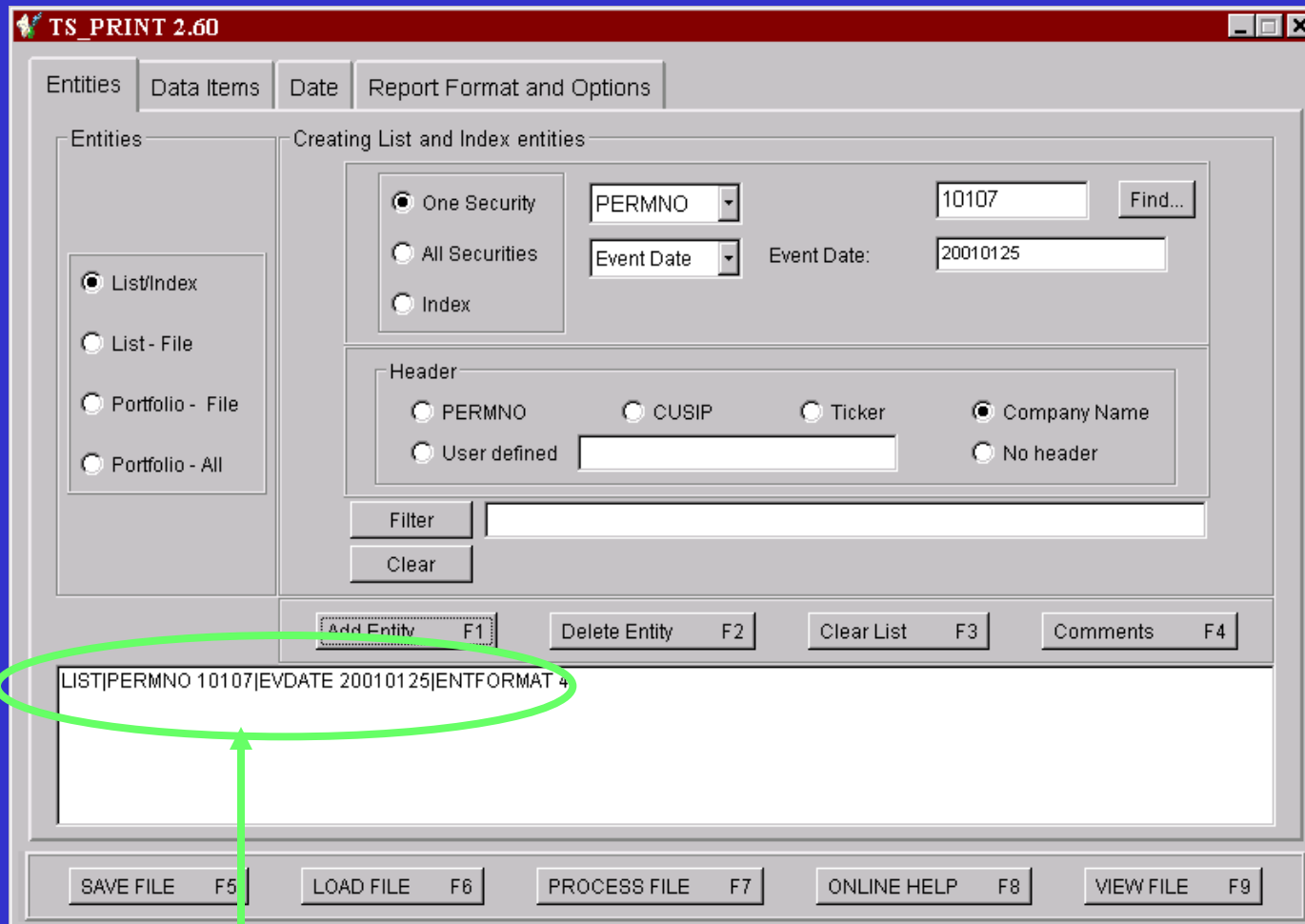
Add Entity F1 | Delete Entity F2 | Clear List F3 | Comments F4

SAVE FILE F5 | LOAD FILE F6 | PROCESS FILE F7 | ONLINE HELP F8 | VIEW FILE F9

After returning to the Entities screen, Select Company Name as your Entity header in the Header section, and Then click Add Entity.



Step 1: Entities



TS_PRINT 2.60

Entities | Data Items | Date | Report Format and Options

Entities

Creating List and Index entities

One Security PERMNO 10107 Find...
 All Securities Event Date Event Date: 20010125
 Index

Header

PERMNO CUSIP Ticker Company Name
 User defined No header

Filter
Clear

Add Entity F1 Delete Entity F2 Clear List F3 Comments F4

LIST|PERMNO 10107|EVDATE 20010125|ENTFORMAT 4

SAVE FILE F5 LOAD FILE F6 PROCESS FILE F7 ONLINE HELP F8 VIEW FILE F9

Text with the specifications for your request file will appear in the box above.



Step 2: Data Items

These are the variables that you are interested in for your stock, index, or portfolio.

These can be daily or monthly

They must be associated the chosen entity type, or else no data can be processed.

e.g. For stocks –closing price
For Indices –returns

Note that you can not extract closing price for an index. --The databases do not contain closing prices for indices.

You will need to look at the tables in the back of Chapter 2 of the Utilities Guide if you run into problems here! But you shouldn't! – This is just to tell you what to do if you do have a problem.



Step 2: Data Items

TS_PRINT 2.60

Entities Data Items Date Report Format and Options

Item ID
 Group ID

Select Data Item Find ...

Item description

Default SUBNO. INDNO. PORTTYPE

Change Default Format for Data Item

Field Width Data Type Left Align
Header Data Length Right Align

Add Item F1 Delete Item F2 Clear List F3 Add Comment F4

SAVE FILE F5 LOAD FILE F6 PROCESS FILE F7 ONLINE HELP F8 VIEW FILE F9

With Item ID, one variable is chosen at a time and added.
With Group ID, data items are already grouped for the user, and are added as a group.



Step 2: Data Items

TS_PRINT 2.60

Entities Data Items Date Report Format and Options

Item ID
 Group ID

Select Data Item: caldt Find ...

Item description: Calendar Date

Default SUBNO. INDNO. PORTTYPE 0

Change Default Format for Data Item

Field Width: 9 Data Type: d Left Align
Header: Caldtt Data Length: 9 Right Align

Add Item F1 Delete Item F2 Clear List F3 Add Comment F4

SAVE FILE F5 LOAD FILE F6 PROCESS FILE F7 ONLINE HELP F8 VIEW FILE F9

Use the Find button to select a data item. In this case, we will use daily data, and add itemid `prc`, which will extract Prices. We will also extract the calendar date, itemid `caldt`, since we are looking at a relative date range.



Step 2: Data Items

The screenshot shows the 'Data Items' tab in the 'TS_PRINT 2.60' application. The interface includes several sections for configuring data items:

- Item Selection:** Radio buttons for 'Item ID' (selected) and 'Group ID'. A 'Select Data Item' field contains 'prc' with a 'Find...' button. An 'Item description' field contains 'Price, End of Period'.
- Item Properties:** Radio buttons for 'Default', 'SUBNO.' (selected), 'INDNO.', and 'PORTTYPE'. A text field next to 'PORTTYPE' contains '0'.
- Formatting Options:** A checkbox for 'Change Default Format for Data Item' is unchecked. Fields for 'Field Width' (11.5), 'Header' (Prc), 'Data Type' (f), and 'Data Length' (11) are present. Radio buttons for 'Left Align' and 'Right Align' (selected) are also shown.
- Actions:** Buttons for 'Add Item F1' (circled in green), 'Delete Item F2', 'Clear List F3', and 'Add Comment F4' are located in a row.
- Item List:** A text area at the bottom contains the following items:
ITEMID caldt|SUBNO 0
ITEMID prc|SUBNO 0
A green arrow points from the 'Add Item' button to this list.
- Footer:** Buttons for 'SAVE FILE F5', 'LOAD FILE F6', 'PROCESS FILE F7', 'ONLINE HELP F8', and 'VIEW FILE F9' are at the bottom.

Then use the Add Item button, to add it to the request file. Once you have added an item, it will be visible in the box at the bottom of the screen. For this example, we have added the items Prices, and Calendar Date.



Step 3: Set the Date Range

TS_PRINT 2.60

Entities | Data Items | Date | Report Format and Options

Calendar Name: **daily** | Calendar Format: YYYYMMDD

Fixed Date Range | 19970101-19971231 | Report on Calendar Basis
 Relative Date Range | Report on Fiscal Basis

Add Date Specification F1 | Clear Date Specification F3 | Add Comment F4

SAVE FILE F5 | LOAD FILE F6 | PROCESS FILE F7 | ONLINE HELP F8 | VIEW FILE F9

You can output daily data to report annually, quarterly, monthly, weekly, or daily by changing the Calendar Name option. In this example, we will change it from Daily to Quarterly, and change Fixed Date Range to Relative Date Range.



Step 3: Set the Date Range

Relative date is used to get data x number of day prior to an event and y number of days after on stocks for an event date associated with the security. Therefore, you can look at output with different dates for each selected Entity. The screen below shows Microsoft with an event date of 20010125 and IBM with an event date of 20010301.

--Event dates are helpful when looking at specific events in history that have affected stock prices or to compare behavior of stocks before and after an event such as a split

The screenshot shows the 'PRINT 2.60' software interface. The 'Entities' screen is active, displaying options for creating list and index entities. The 'Event Date' dropdown menu is highlighted with a red circle, and the 'Event Date' field is highlighted with a green circle. A green arrow points from the 'Event Date' field to the text 'Note that the initial date is set on the entities screen when using the relative date option.' A red arrow points from the 'Event Date' dropdown to the text 'You you will need to change from Date Range (default) to Event Date when using a relative date format'.

Entities: Creating List and Index entities

One Security PERMNO 12490 Find...

All Securities **Event Date** Event Date: 20010301

Index

Header

PERMNO CUSIP Ticker Company Name

User defined INTERNATIONAL BUSIN No header

Filter

Clear

Add Entity F1 Delete Entity F2 Clear List F3 Comments F4

LISTPERMNO 10107|EVDATE 20010125|ENTFORMAT 4
LISTPERMNO 12490|EVDATE 20010301|ENTFORMAT 4

SAVE FILE F5 LOAD FILE F6 PROCESS FILE F7 ONLINE HELP F8 VIEW FILE F9

Note that the initial date is set on the entities screen when using the relative date option.

You you will need to change from Date Range (default) to Event Date when using a relative date format



Step 3: Set the Date Range

For example, 10 days before and after relative dates for Microsoft and Amazon

10107 - MICROSOFT

	Prc	Caldt
-10	49.18750	20001215
-9	47.81250	20001218
-8	44.81250	20001219
-7	41.50000	20001220
-6	43.43750	20001221
-5	46.43750	20001222
-4	46.87500	20001226
-3	46.43750	20001227
-2	44.56250	20001228
-1	43.37500	20001229
0	43.37500	20010102
1	47.93750	20010103
2	48.43750	20010104
3	49.12500	20010105
4	48.93750	20010108
5	51.81250	20010109
6	52.87500	20010110
7	55.00000	20010111
8	53.50000	20010112
9	52.56250	20010116
10	52.93750	20010117

84788 - AMAZON

	Prc	Caldt
-10	27.81250	20001116
-9	27.43750	20001117
-8	25.81250	20001120
-7	24.25000	20001121
-6	25.18750	20001122
-5	28.93750	20001124
-4	28.00000	20001127
-3	25.03125	20001128
-2	26.93750	20001129
-1	24.68750	20001130
0	24.62500	20001201
1	26.56250	20001204
2	25.37500	20001205
3	23.62500	20001206
4	21.37500	20001207
5	23.43750	20001208
6	25.31250	20001211
7	25.87500	20001212
8	23.75000	20001213
9	22.68750	20001214
10	22.87500	20001215

Note: the relative starting date differs, since it is set independently for each security.



Step 3: Set the Date Range

The screenshot shows the 'Date' tab in the 'TS_PRINT 2.60' application. The 'Calendar Name' is set to 'quarterly' and the 'Calendar Format' is 'YYYYMMDD'. Under the 'Relative Date Range' section, the 'Report on Calendar Basis' radio button is selected. The date range input field contains '-10,10'. Below this are buttons for 'Add Date Specification F1', 'Clear Date Specification F3', and 'Add Comment F4'. At the bottom of the window are buttons for 'SAVE FILE F5', 'LOAD FILE F6', 'PROCESS FILE F7', 'ONLINE HELP F8', and 'VIEW FILE F9'.

-#, # is the format for the open box above to set a Relative Date Range. The -# represents the number of periods before, # the number after. For this example, we will change it to -5,4.



Step 4: Report Format

TS_PRINT 2.60

Entities Data Items Date Report Format and Options

X - AXIS ASSIGNMENT Y - AXIS ASSIGNMENT Z - AXIS ASSIGNMENT

ITEM Header Yes No DATE Header Yes No ENTITY Header Z Axis Data Flag 1 2 3

Output File Name Field Delimiter Row Delimiter Delisting Returns Partial Period Data NOFILL COMPACT

p:\microsoft_samp.out No Yes No Yes No Yes No

Report Name Character Delimiter Buffer Size Custom Missing

Add Options F1 Clear List F3 Add Comment F4

SAVE FILE F5 LOAD FILE F6 PROCESS FILE F7 ONLINE HELP F8 VIEW FILE F9

Set the order of X-Y-Z Axes above, Type in Output File Name. Spaces are not supported in the name, and you should include the full path here. *ts_print* will not create directories.



Step 4: Report Format

The screenshot shows the 'TS_PRINT 2.60' application window with the 'Report Format and Options' tab selected. The interface is divided into several sections:

- X - AXIS ASSIGNMENT:** ITEM (dropdown), Header: Yes, No
- Y - AXIS ASSIGNMENT:** DATE (dropdown), Header: Yes, No
- Z - AXIS ASSIGNMENT:** ENTITY (dropdown), Header: Yes, No, Z Axis Data Flag: 1, 2, 3
- Output File Name:** plmicrosoft_samp.out
- Field Delimiter:** (empty)
- Row Delimiter:** (empty)
- Delisting Returns:** No, Default Missing, Custom Missing
- Partial Period Data:** Yes, No
- NOFILL:** Yes, No (circled in green)
- COMPACT:** Yes, No

Buttons at the bottom include: Add Options F1, Clear List F3, Add Comment F4, SAVE FILE F5, LOAD FILE F6, PROCESS FILE F7, ONLINE HELP F8, and VIEW FILE F9.

Choose whether data items exclude output that falls outside the range of available data for the Entity. Yes = Exclude missing or non-valid data. No = Output for all dates specified.



Step 4: Report Format

The screenshot shows the 'Report Format and Options' window in TS_PRINT 2.60. The window has a title bar with the text 'TS_PRINT 2.60' and standard window controls. Below the title bar are tabs for 'Entities', 'Data Items', 'Date', and 'Report Format and Options'. The main area is divided into several sections:

- X - AXIS ASSIGNMENT:** Includes a dropdown menu set to 'ITEM', a 'Header' section with 'Yes' (selected) and 'No' radio buttons.
- Y - AXIS ASSIGNMENT:** Includes a dropdown menu set to 'DATE', a 'Header' section with 'Yes' (selected) and 'No' radio buttons.
- Z - AXIS ASSIGNMENT:** Includes a dropdown menu set to 'ENTITY', a 'Header' section with 'Yes' (selected) and 'No' radio buttons, and a 'Z Axis Data Flag' section with radio buttons for '1', '2', and '3'.
- Output File Name:** A text field containing 'plmicrosoft_samp.out'.
- Field Delimiter:** An empty text field, circled in green.
- Row Delimiter:** An empty text field, circled in green.
- Delisting Returns:** Radio buttons for 'No' (selected), 'Default Missing', and 'Custom Missing'.
- Partial Period Data:** Radio buttons for 'Yes' and 'No' (selected).
- NOFILL:** Radio buttons for 'Yes' (selected) and 'No'.
- COMPACT:** Radio buttons for 'Yes' and 'No' (selected).

Below these sections are three buttons: 'Add Options F1', 'Clear List F3', and 'Add Comment F4'. At the bottom of the window are five buttons: 'SAVE FILE F5', 'LOAD FILE F6', 'PROCESS FILE F7', 'ONLINE HELP F8', and 'VIEW FILE F9'. A large green arrow points from the 'Field Delimiter' and 'Row Delimiter' fields down to the 'Character Delimiter' field in the section below.

These options allow you to delimit columns and rows in the output file. This is useful when creating tables in other programs.



Step 4: Report Format

TS_PRINT 2.60

Entities Data Items Date Report Format and Options

X - AXIS ASSIGNMENT Y - AXIS ASSIGNMENT Z - AXIS ASSIGNMENT

ITEM DATE ENTITY

Header Yes No

Z Axis Data Flag 1 2 3

Output File Name Field Delimiter Row Delimiter Delisting Returns Partial Period Data NOFILL COMPACT

Report Name Character Delimiter Buffer Size

Add Options F1 Clear List F3 Add Comment F4

```
X ITEM,YES|Y DATE,YES|Z ENTITY,YES|1
OUTNAME c:\temp\microsoft_samp.out
NOFILL
```

SAVE FILE F5 LOAD FILE F6 PROCESS FILE F7 ONLINE HELP F8 VIEW FILE F9

Once you have selected your Report Format criteria, you need to Add Options to the request file. You are now ready to Process or run your request file.



Summary of Request File

You Have Built a Request file with the following specifications.

- Entities – You have selected Microsoft, PERMNO 10107, as your company with an event date of 20010125, and Company name as the Entity header.
- Data Items – You have selected the Item IDs `prc` and `caldt`, which will extract prices, and calendar date respectively.
- Date – You have selected a Relative Date of five (5) quarters before the event date and four (4) quarters after, or `-5, 4`.
- Report Format – X-axis=Item, Y-axis=Date, Z-axis=Entity. **NOFILL is set to Yes, and the report is going to be saved as `c:\temp\microsoft_samp.out`.**



Process File

TS_PRINT 2.60

Entities | Data Items | Date | Report Format and Options

X - AXIS ASSIGNMENT: ITEM, Header: Yes (selected), No

Y - AXIS ASSIGNMENT: DATE, Header: Yes (selected), No

Z - AXIS ASSIGNMENT: ENTITY, Header: Yes (selected), No, Z Axis Data Flag: 1 (selected), 2, 3

Output File Name: p:\microsoft_samp.out, Field Delimiter, Row Delimiter

Report Name, Character Delimiter, Buffer Size

Delisting Returns: No (selected), Default Missing, Custom Missing

Partial Period Data: Yes, No (selected)

NOFILL: Yes (selected), No

COMPACT: Yes, No (selected)

Add Options F1, Clear List F3, Add Comment F4

```
X ITEM,YES|Y DATE,YES|Z ENTITY,YES,1
OUTNAME c:\temp\microsoft_samp.out
NOFILL
```

SAVE FILE F5, LOAD FILE F6, PROCESS FILE F7, ONLINE HELP F8, VIEW FILE F9

Now click Process File to run the request file you Just built, and then View File to see the output.



Results.....

TS_PRINT 2.60

Entities Data Items Date Report Format and Options

Entities

Creating List and Index entities

One Security PERMNO 10107 Find...

All Securities Event Date 20010125

Index

Header

PERMNO CUSIP Ticker Company Name

User defined No header

Filter

Clear

Add Entity F1 Delete Entity F2 Clear List F3 Comments F4

LIST|PERMNO 10107|EVDATE 20010125|ENTFORMAT 4

SAVE FILE F5 LOAD FILE F6 PROCESS FILE F7 ONLINE HELP F8 VIEW FILE F9

MICROSOFT CORP

	Caldt	Prc
-5	19991231	116.75000
-4	20000331	106.25000
-3	20000630	80.00000
-2	20000929	60.31250
-1	20001229	43.37500
0	20010330	54.68750
1	20010629	73.00000
2	20010928	51.17000
3	20011231	66.25000
4	20020329	0.00000

Note that the last quarter of data in the output is missing since the current version of the file stops at the end of 2001.



Results.....

MICROSOFT CORP

Entities Data Items Date Report Format and Options

Item ID
 Group ID

Select Data Item: prc Find ...

Item description: Price, End of Period

Default SUBNO. INDNO. PORTTYPE 0

Change Default Format for Data Item

Field Width: 11.5 Data Type: 1

Header: Prc Data Length: 11

Left Align
 Right Align

Add Item F1 Delete Item F2 Clear List F3 Add Comment F4

ITEMID caldt|SUBNO 0
ITEMID prc|SUBNO 0

SAVE FILE F5 LOAD FILE F6 PROCESS FILE F7 ONLINE HELP F8 VIEW FILE F9

	Caldt	Prc
-5	19991231	116.75000
-4	20000331	106.25000
-3	20000630	80.00000
-2	20000929	60.31250
-1	20001229	43.37500
0	20010330	54.68750
1	20010629	73.00000
2	20010928	51.17000
3	20011231	66.25000
4	20020329	0.00000

Data Items, Calendar Date and Price.



Results.....

TS_PRINT 2.60

Entities Data Items Date Report Format and Options

Calendar Name **quarterly** Calendar Format YYYYMMDD

Fixed Date Range Relative Date Range

Report on Calendar Basis Report on Fiscal Basis

Add Date Specification F1 Clear Date Specification F3 Add Comment F4

CALNAME quarterly|RELATIVE -5,4|CALFORMAT 1

SAVE FILE F5 LOAD FILE F6 PROCESS FILE F7 ONLINE HELP F8 VIEW FILE F9

MICROSOFT CORP

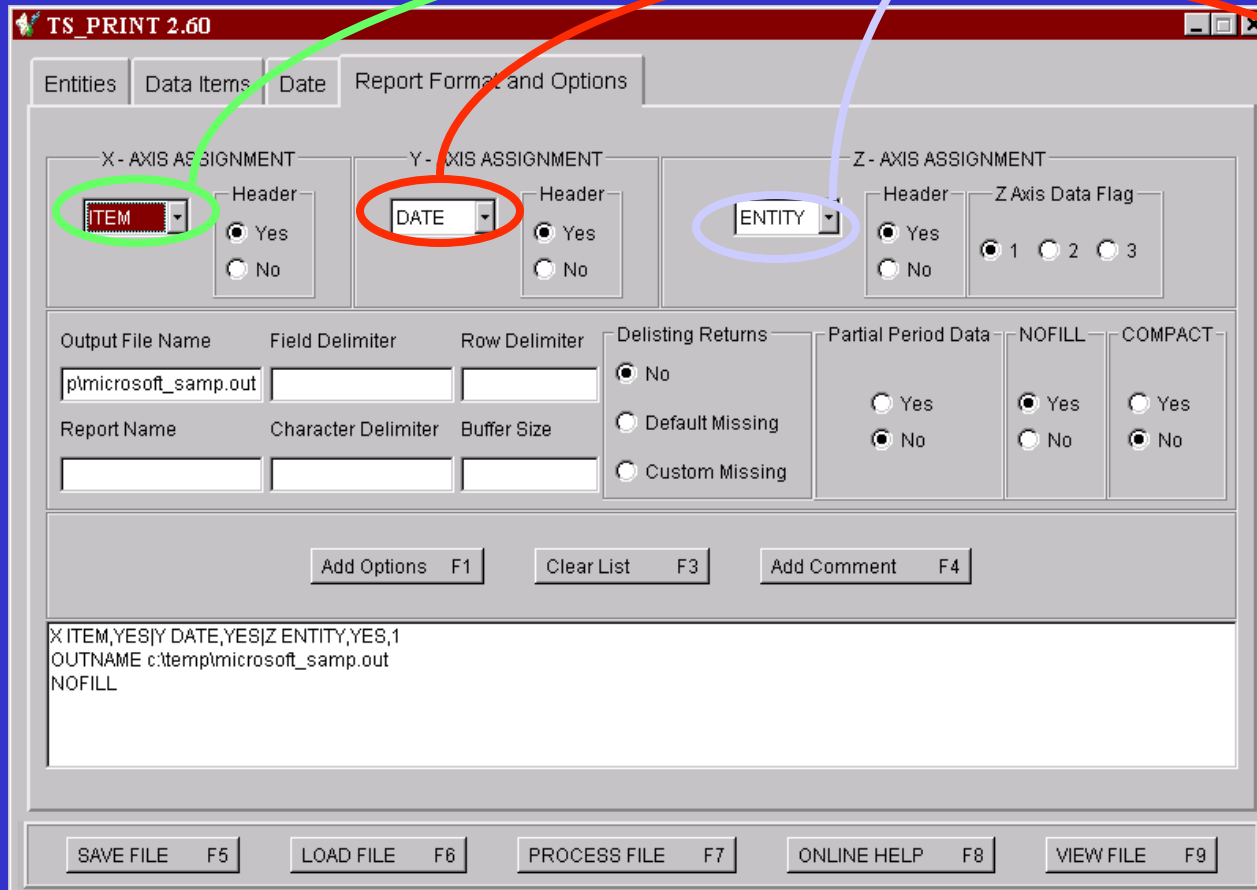
	Caldt	Prc
-5	19991231	116.75000
-4	20000331	106.25000
-3	20000630	80.00000
-2	20000929	60.31250
-1	20001229	43.37500
0	20010330	0.00000
1	20010629	0.00000
2	20010928	0.00000
3	20011231	0.00000
4	0	0.00000

Relative Date Range Quarterly Data Requested



Results.....

MICROSOFT CORP



TS_PRINT 2.60

Entities Data Items Date Report Format and Options

X - AXIS ASSIGNMENT Y - AXIS ASSIGNMENT Z - AXIS ASSIGNMENT

Header Yes No Header Yes No Header Yes No Z Axis Data Flag 1 2 3

Output File Name Field Delimiter Row Delimiter Delisting Returns Partial Period Data NOFILL COMPACT

Report Name Character Delimiter Buffer Size

Add Options F1 Clear List F3 Add Comment F4

X ITEM,YES|Y DATE,YES|Z ENTITY,YES,1
OUTNAME c:\temp\microsoft_samp.out
NOFILL

SAVE FILE F5 LOAD FILE F6 PROCESS FILE F7 ONLINE HELP F8 VIEW FILE F9

	Caldt	Prc
-5	19991231	116.75000
-4	20000331	106.25000
-3	20000630	80.00000
-2	20000929	60.31250
-1	20001229	43.37500
0	20010330	54.68750
1	20010629	73.00000
2	20010928	51.17000
3	20011231	66.25000
4	20020329	0.00000

Report format, X=Item, Y=Date and Z=Entity.



You should be all set to get started using *ts_print* now!

