

XMIM Product News



**12301 Research Blvd.
Building IV, Suite 410
Austin, TX 78759**

U.S. Help Desk Phone: +1-800-546-9646 (or direct +1-512-697-3000), select ext. 3400

U.K. Help Desk Free Phone: 0800 032 6063

Europe Help Desk Phone: +44 20 7190 2947

Help Desk Email: support@lim.com

+1-512-697-3001 (Fax)

Build Number: 6.0.6

Part Number: 084_90

Date: July 23, 2009

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Patented May, 1995 U.S. Patent No. 08/392, 612

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Logical Information Machines, Inc.

120 North LaSalle Street

Suite 2150

Chicago, IL 60602

(312) 456-3000

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XMIM Product News

Introduction

XMIM is a software package for evaluating trade opportunities designed with a near English interface for easily constructing queries about historical data.

This document illustrates the enhancements made to the XMIM software for the latest releases. For details on bug fixes and a complete list of all changes, please see the [XMIM Release Notes](#) . For instructions on using the XMIM software, see the following guides: [XMIM Energy Training Guide](#) and [XMIM Financial Training Guide](#) as well as the [XMIM User Guide](#) , and the [Profit/Loss User Guide](#) for details on constructing profit/loss queries.

Release 6.0.6

Creating a New Job

The following details the steps involved in creating a new job:

Save Query

The **Jobs** feature requires saved queries from XMIM as input. The first step in creating a job is to create a query then save the query as a job by selecting **File>Save as Job** from the menu bar. The first time a query is saved, it needs to be assigned a place to reside and a file name. For this example, name this query `NG after 2001`.



Any reference to the filename in the resulting emailed query will contain plus signs instead of spaces.

Enter a Job Name

Once the query is saved, the next window prompts you to enter the name of the job. This window automatically uses the file name previously entered as the query name for the name of the job. This name can be edited.

Below the **Job Name** field, **Job Options** may be modified. Under **Graph Options**, you may choose to include the graph in the email body and to attach the graph in the email as a .jpeg file. Under **Report Options**, you may choose to include the report results in the email, attach the report results to the email as a .csv file, and to show the query syntax in the report along with the results. If you choose to show the query in your report, we suggest that you also choose to show the %exec options and thereby communicate your settings. After the job has been named, select the **Next>>** button.

Enter a File Name

The job will need the saved query file name. The query file name is automatically added to the **Files to Process** list. Additional saved queries can be added to the job by selecting the file from the "Browse" button. Use the "Add" button to include this query in the list. Select **Next>>** to continue entering the job.

Enter an Email Address or Printer

Output from the job can be emailed to any email address. To enter multiple email addresses, enter a space separated list of email addresses.

The output can also be sent to a printer by entering the printer name.



This printer must be set up on the MIM server.

Once you have entered the email address(es) and/or printer(s), select **Next>>**.

Filter Results

The Filter option provides an opportunity for a job to act as an alert for trading events. Using the filter, the job will return the output from a query only if the results from the query show that the trading event condition occurred yesterday. Each day the query will be run, and if the event described in the query has occurred, the results will be emailed to the user as notification of an opportunity. For example, a user might only want Jobs to email if their favorite stock made a new 52 week high yesterday. The query below returns dates when the condition, that IBM has made a new 52 week high yesterday, has occurred.

```
SHOW
1: High: High of GII.IBM.NYSE
WHEN
High of GII.IBM.NYSE is more than 52 week highest of High of GII.IBM.NYSE 1 day ago
```

Using the "filter" window in Jobs, select "Return results only if the condition is met" and set "Filter Output using Symbol" to GII.IBM.NYSE. When Jobs runs this query it checks to see if the dates resulting from the query include yesterday's date, (Last_data_date) for GII.IBM.NYSE. If the last_data_date is included, then the query output is emailed or printed as you determine in setting up the job. If you wish for the output of the query to be emailed or printed each day then select "Return results each time job is run".

Schedule the Job

Select the days and times you would like for the job to be run. If you want to only run on specific days of the week, un-check the "Everyday" option to access the days of the week. Select the hours and minutes you would like to schedule the job. You can run the job at multiple times if desired. The default is 12:00am but this can be deselected from the Hours and Minutes tables and changed to another hour and minute.


Select **Finish** to complete the **Save as Job** function. The **Cancel** button can be used to discard all changes at any time.

Release 6.0.4

This release also contains bug fixes. Please see the [XMIM Release Notes](#) for more information.

Select Index Constituents

The Select Index Constituents feature allows you to create a LET statement that ranges over a selected constituent list for a specified time period (current list, a specific date, date range, or over all the dates provided for the index constituent). A sampling of the index constituent categories includes: Dow 30, NASDAQ 100, Russell 1000, Russell 2000, Russell 3000, Standard and Poors 100, Standard and Poors 400, Standard and Poors 500, Standard and Poors 600, and Standard and Poors 1500.

To create a LET statement using a constituent list, open the **LET** window by selecting **Tools>LET** from the menu bar or select the **LET**  button from the toolbar. In the **LET** window, check the radial button for **Select Index Constituents**.

In order to have the **Select Constituent List** pane, you must run MIM server version 4.6.31 or higher and have access to one of the equity datasets that are compliant for this feature. Please contact a [LIM Sales Representative](#) for details on the equity datasets available.

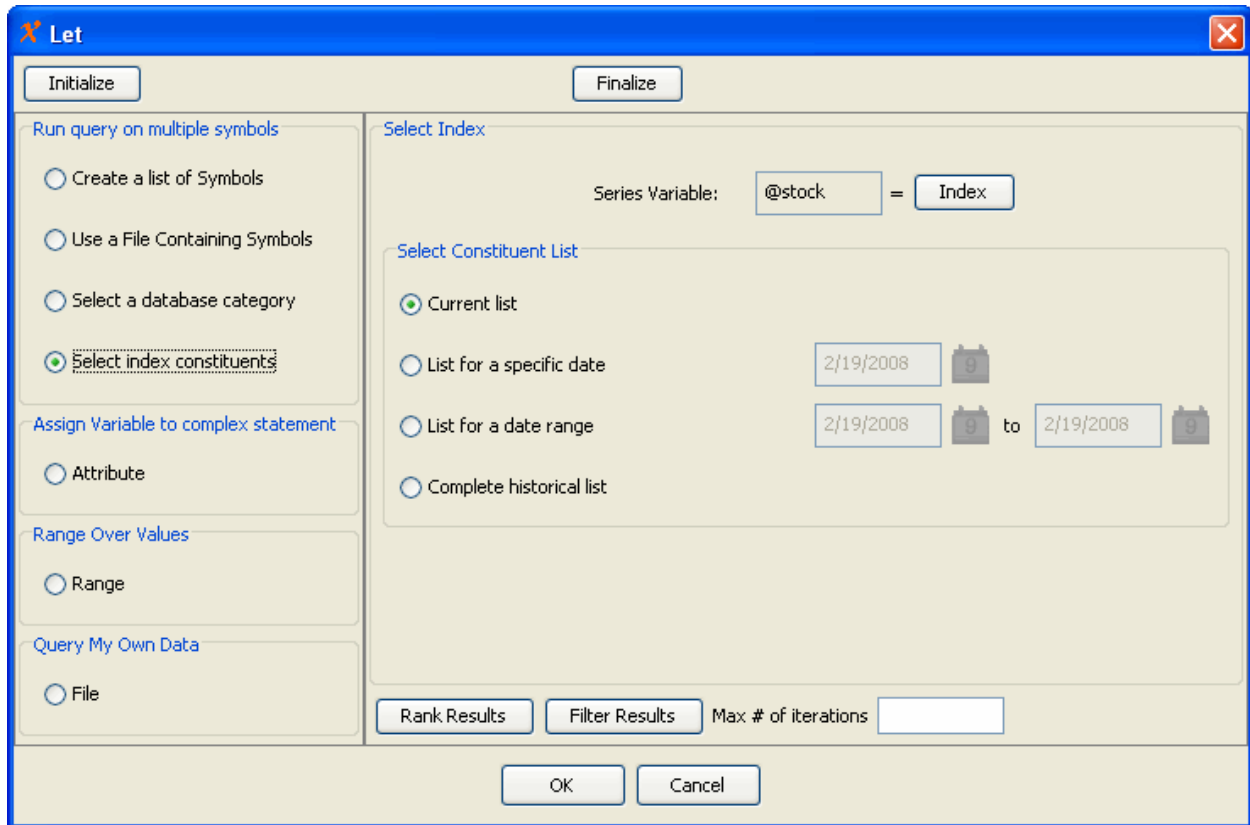
If you are not running the MIM server version 4.6.31 or higher you can still use the **Select Index Constituents** feature but you will not have the options in the **Select Constituent List** pane. The Select Index Constituent feature will range over the current index constituents as of that day.

Options In the **Select Constituent List** pane include:

- Current list - ranges over the current index constituents as of that day
- List for a specific date - ranges over the constituent list on that specific date
- List for a date range - ranges over the constituent list during a date range
- Complete historical list - ranges over all the constituents of the index throughout history

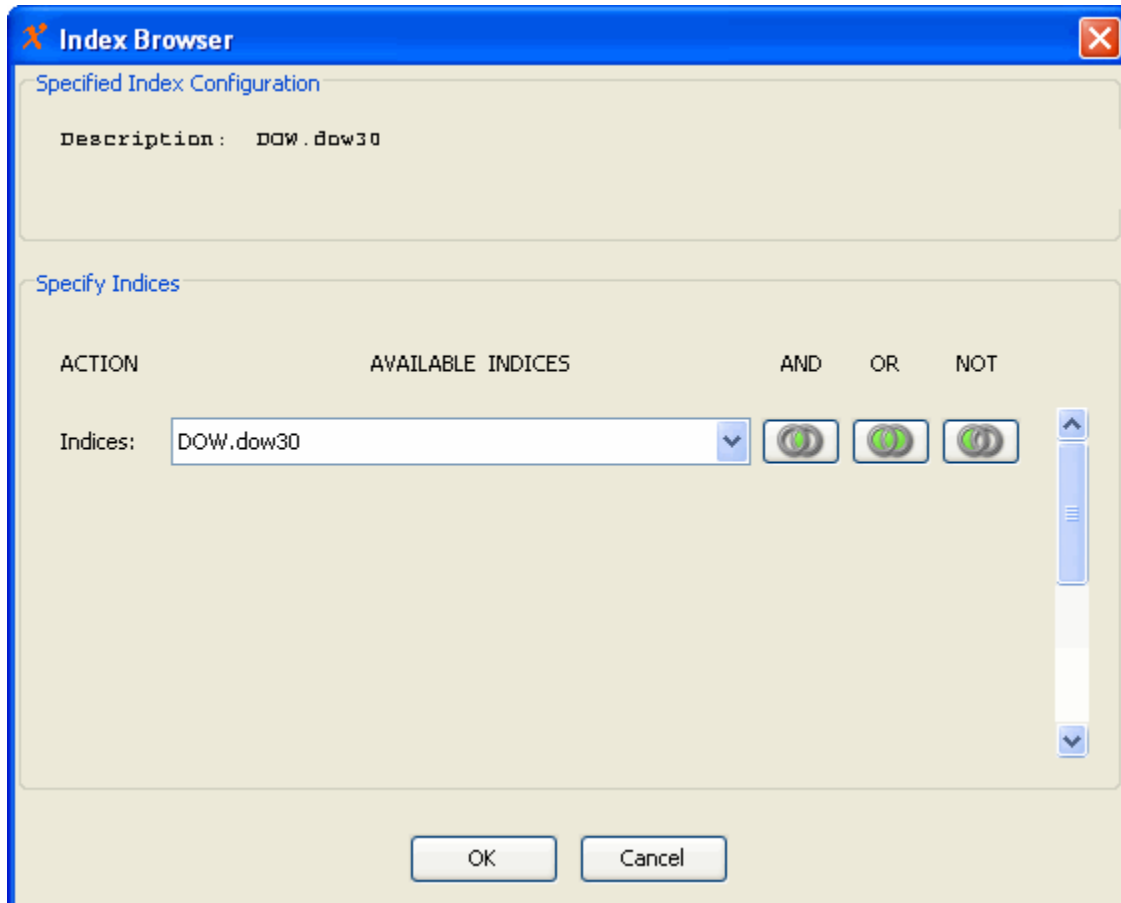
Server/Data Requirements Met

The following shows the LET window with the **Select Index Constituents** radial selected:



This example is running the MIM server version 4.6.31 or higher and is accessing one of the equity datasets.

To use this feature, enter a variable name in the **Series Variable** field then select the **Index** button. From the **Index Browser** list select a constituent category. The following shows the **Index Browser** window:



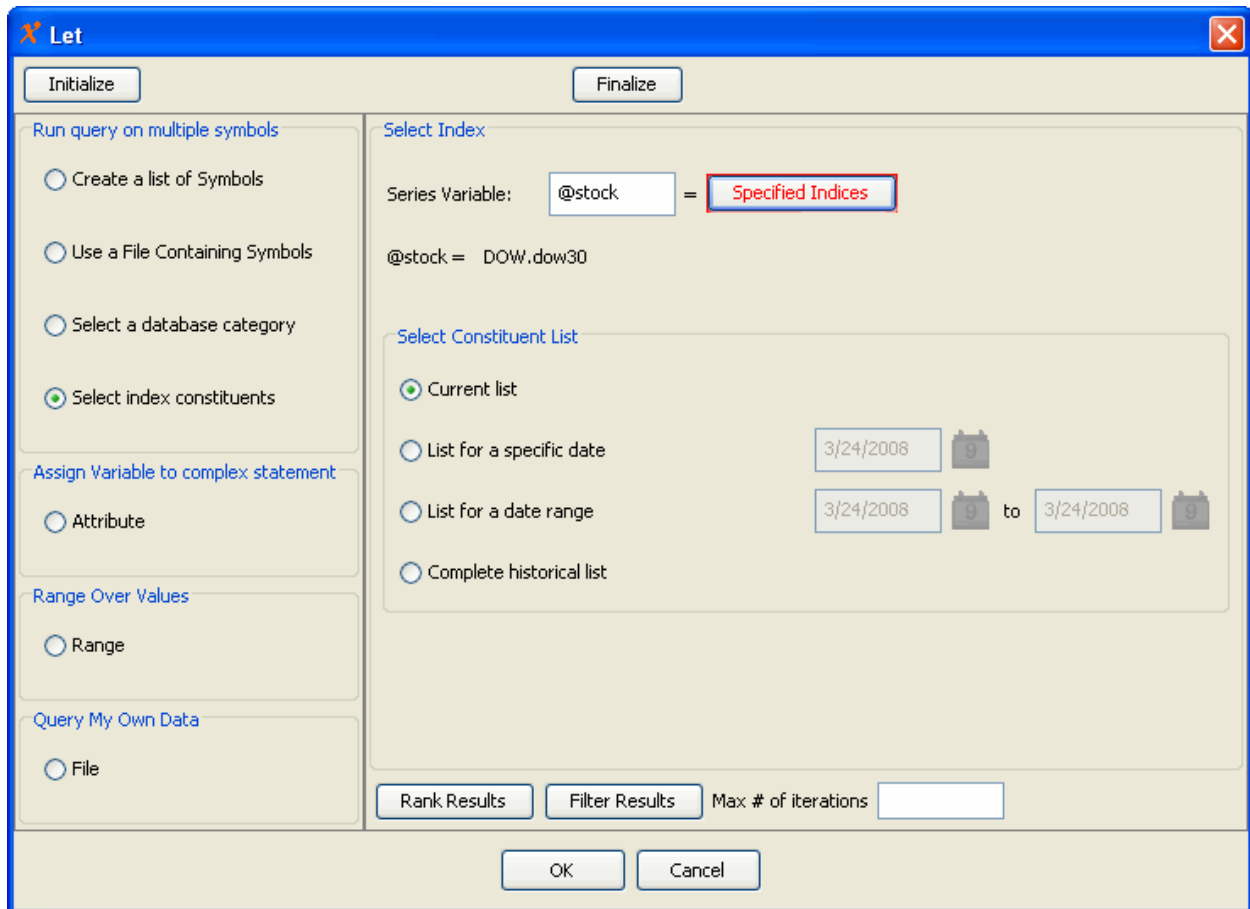
You can combine, intersect or exclude indices using the AND , OR or NOT buttons. To use this feature, select an indice from the list that select the **AND**, **OR** or **NOT** button and choose another indice from the list. Use the **Delete** button to remove a selection if needed.

For example, let's create a LET statement that ranges over the current index constituent list for the Standard and Poors 400. First, enter the variable name @stock then select the **Index** button and choose **sp400** (for the Standard and Poors 400) from the Indices list. Select the **OK** button to close the Index Browser window.



Notice that the Index button is now "Specified Indices" in red to show that a selection was made.

From the **Select Constituent List** pane, ensure that the radial for **Current List** is selected. Select the **OK** button to close the LET window.



The following shows the resulting LET statement:

```
LET
  @stock = HTTP "index?index=sp400&ver=1&fromdate=current&todate=current"
```

Next, enter your SHOW WHEN statement in the **Edit** window. For this example, show each stock in the Standard and Poors 400 when the date is within one week.

```
LET
  @stock = HTTP "index?index=sp400&ver=1&fromdate=current&todate=current"

SHOW
  1: @stock
WHEN
  Date is within 1 week
```

Select the **Report** button to see the results. Each stock in the Standard and Poors 400 is displayed by CUSIP showing the closing price for the date range supplied.

The following shows the first CUSIP entry in the Report:

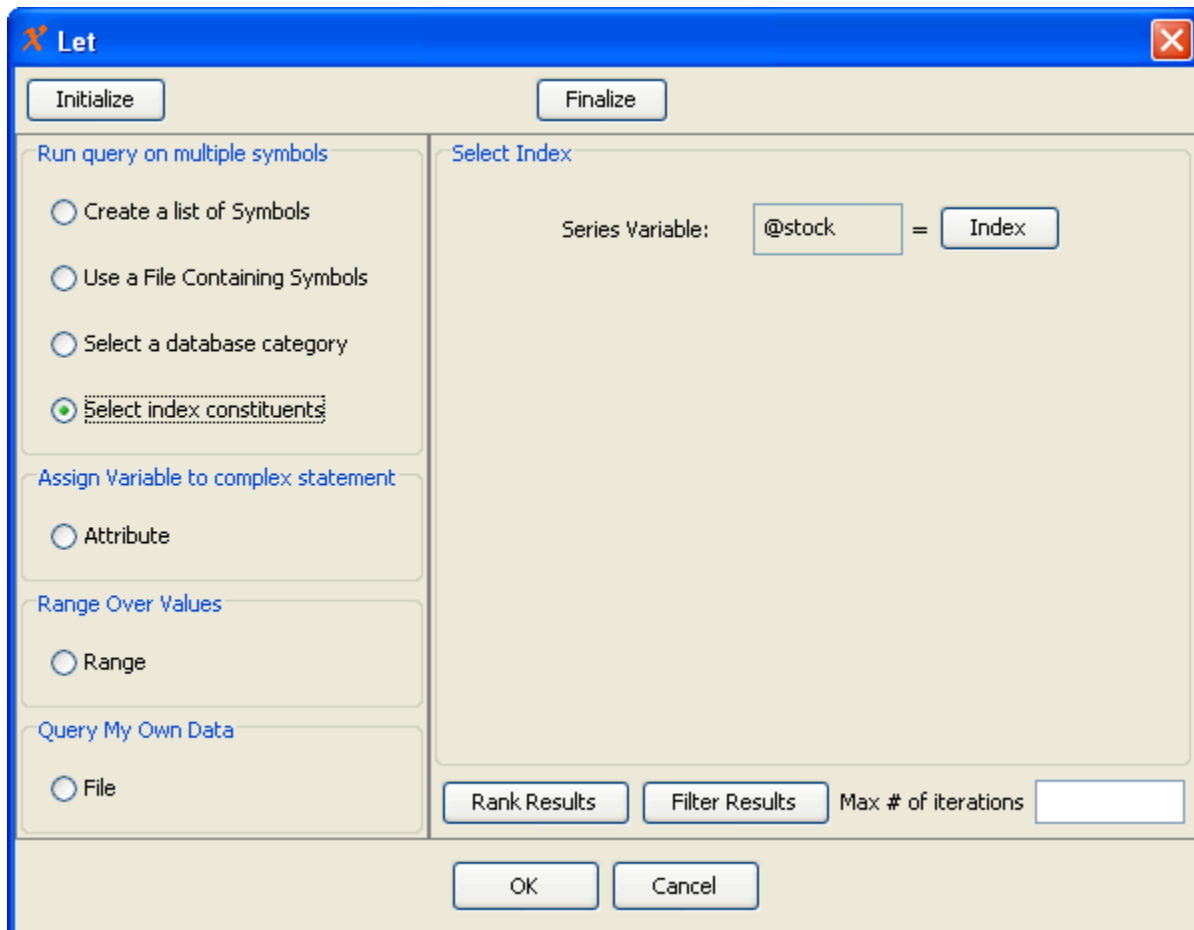
Let variable values:

@stock = CUSIP.00088630

Date	Day	1
02/12/2008	Tue	13.9400
02/13/2008	Wed	13.9800
02/14/2008	Thu	13.7900
02/15/2008	Fri	13.6800
	Avg	13.8475
	AvgPos	13.8475
	AvgNeg	NaN
	PctPos	100.0000
	PctNeg	0.0000
	Maximum	13.9800
	Minimum	13.6800
	StdDev	0.1384
	ZStat	100.0443
	Variance	0.0192

Server/Data Requirements Not Met

The following shows the LET window with the **Select Index Constituents** radial selected:



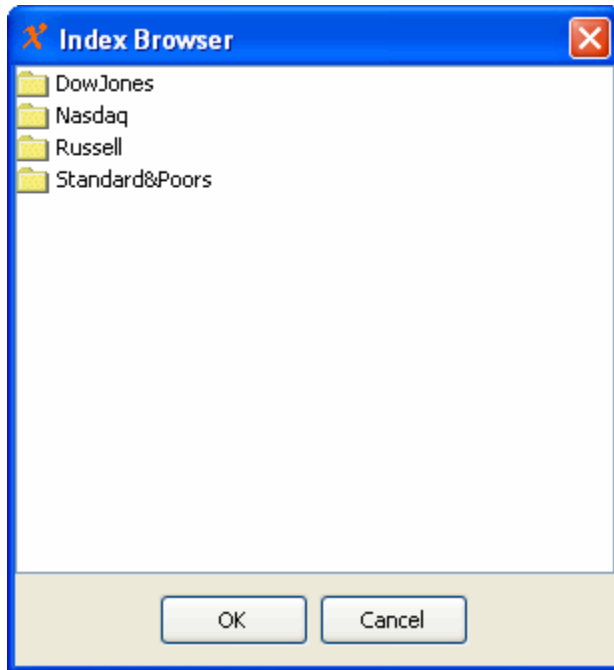
This example is not running a MIM server version 4.6.31 or higher therefore the **Select Constituent** pane is not included.



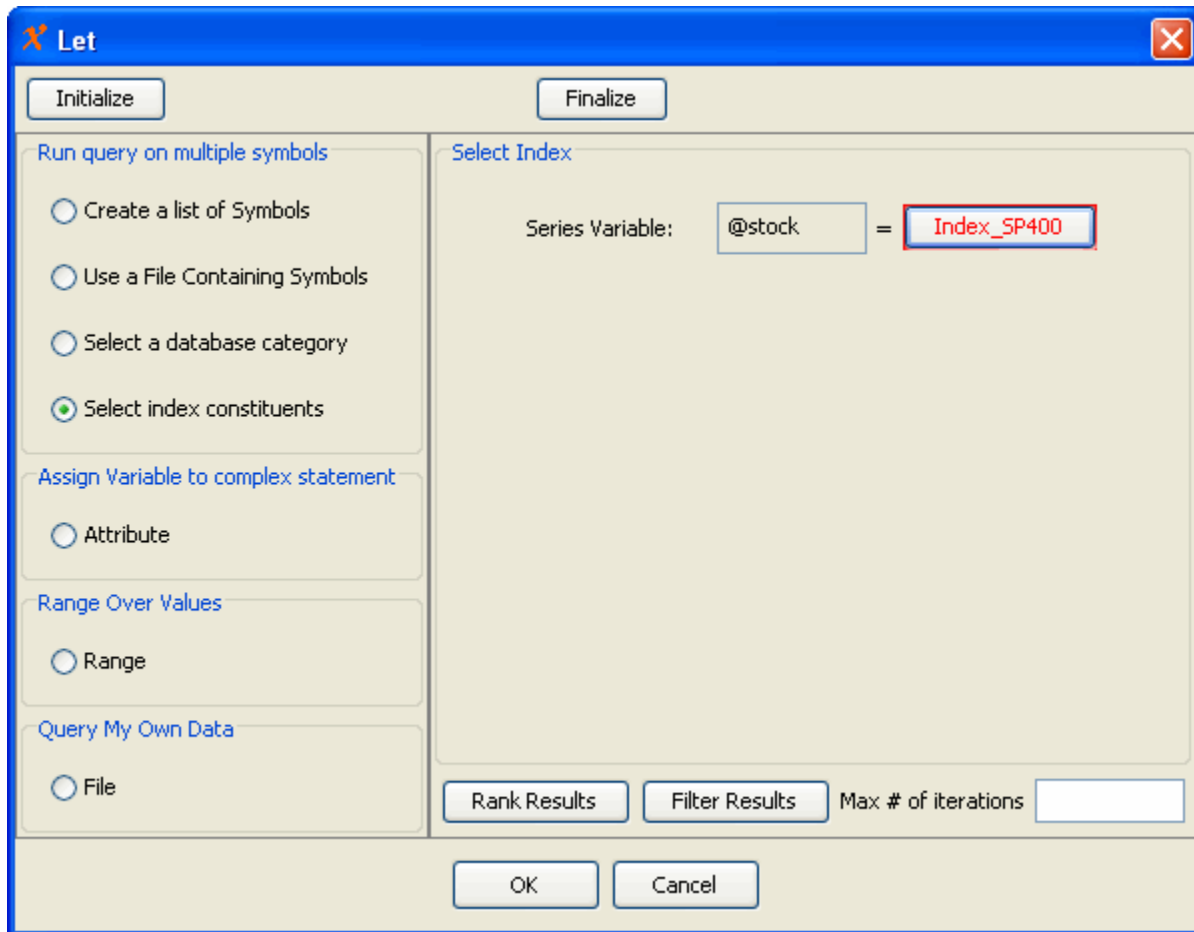
When you run MIM server version 4.6.31 or higher and have one of the equity datasets that are compliant for this feature you can access the options in the **Select Constituent List** pane that include:

- Current list - ranges over the current index constituents as of that day
- List for a specific date - ranges over the constituent list on that specific date
- List for a date range - ranges over the constituent list during a date range
- Complete historical list - ranges over all the constituents of the index throughout history

With this configuration, the user can range over the current index constituents as of that day. To do this, enter a variable name in the **Series Variable** field then select the **Index** button. From the **Index Browser** list select a constituent category. The following shows the choices in the **Index Browser** window:



For example, let's create a LET statement that ranges over the current index constituent list for the Standard and Poors 400. First, enter the variable name @stock then select the **Index** button. Open the Standard and Poors folder and select **Index_SP400** (for the Standard and Poors 400), then select the **OK** button.




The following shows the resulting LET statement:

```
LET
  @stock = Index_SP400
```

Next, enter your SHOW WHEN statement in the **Edit** window. For this example, show each stock in the Standard and Poors 400 when the date is within one week.

```
LET
  @stock = Index_SP400

SHOW
  1: @stock
WHEN
  Date is within 1 week
```

Select the **Report**  button to see the results. Each stock in the Standard and Poors 400 is displayed by CUSIP showing the closing price for the date range supplied.

The following shows the first CUSIP entry in the Report:

```
Let variable values:
@stock = CUSIP.00088630
```

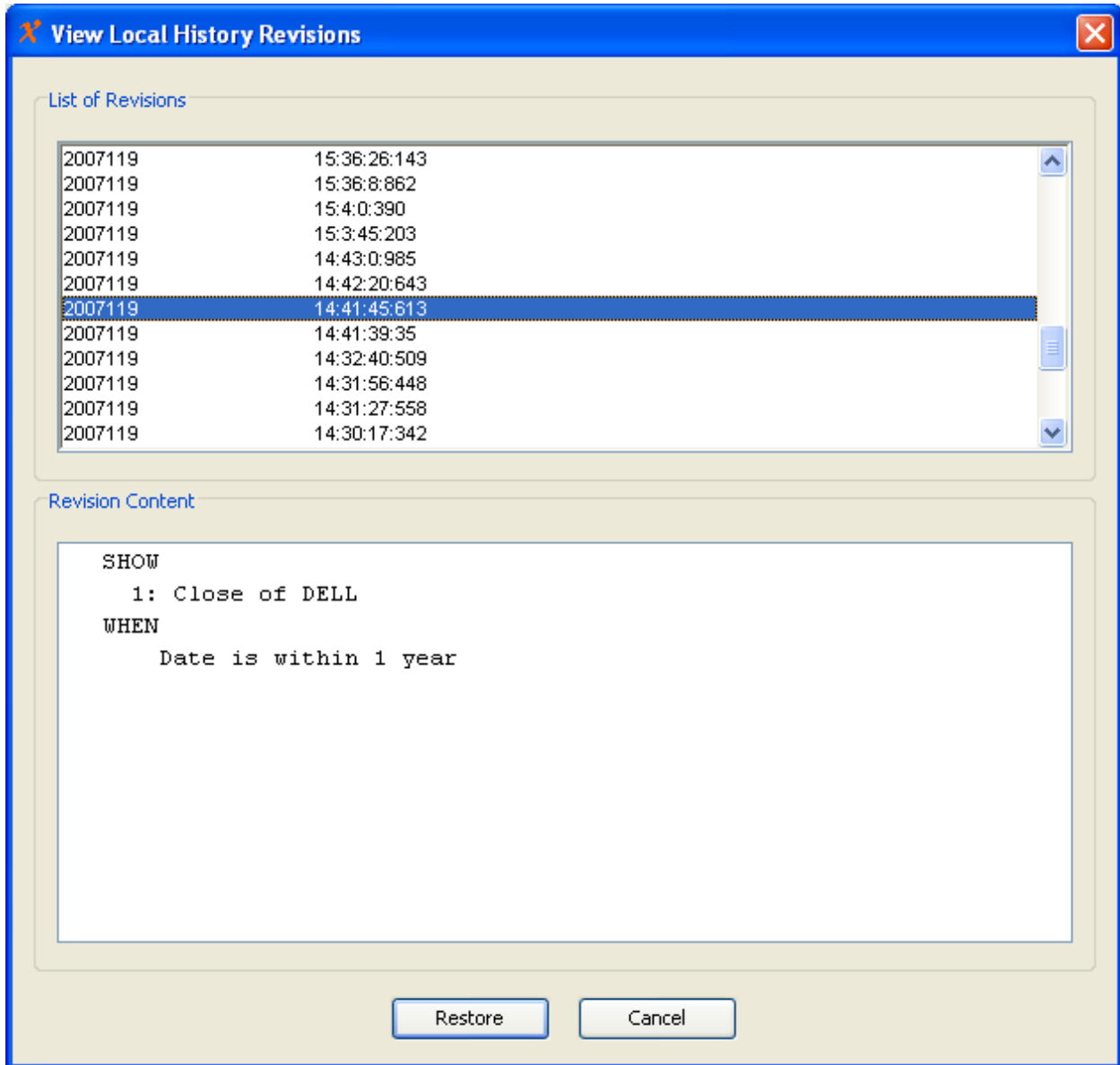
Date	Day	1
02/12/2008	Tue	13.9400
02/13/2008	Wed	13.9800
02/14/2008	Thu	13.7900
02/15/2008	Fri	13.6800
	Avg	13.8475
	AvgPos	13.8475
	AvgNeg	NaN
	PctPos	100.0000
	PctNeg	0.0000
	Maximum	13.9800
	Minimum	13.6800
	StdDev	0.1384
	ZStat	100.0443
	Variance	0.0192

Save Temporary Revisions with Local History

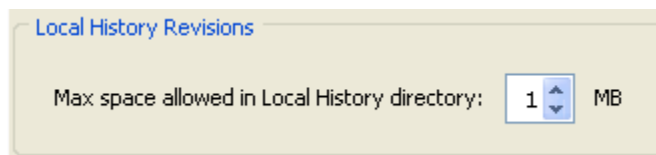
Now temporary versions of query edits are saved in the **View Local History Revisions** window accessible from **Tools>Local History** in the XMIM menu bar.

Here's how it works. Make changes to your query then process the query by running a Report or Chart. At this point, a temporary version is saved in the **Local History** window. To view the temporary saved versions, select **Tools>Local History** from the XMIM menu bar. In the **View Local History Revisions** window select a query using the date and time stamp. View the contents of the query in the **Revision Content** pane.


When you find the query version you want, select the **Restore** button to restore the query in the XMIM **Edit** window.



The **User Preferences** window (**Options>User Preferences**) has a new **Local History Revisions** pane that allows you to specify how large the local history directory can get before files are removed from the directory. You have the option of specifying 1 to 5 MB.



Enhanced Reporting

With this release, when you select the **Report**  button you will be asked if you want to turn on Enhanced Reporting. This enhancement allows you to view your reports with different formats. Please see the [XMIM User Guide](#) for details on usage.

The report formats include:

- Standard Report
- Tab Report
- Text Report
- One Table Report
- By Date Report
- Classic Report - available when **Use Enhanced Reporting** is unchecked in the **User Preferences** window.

Standard Report

This is the default setting. The results are separated by attribute and are formatted within separate tables.

Features of the Standard Report format include:

- Tabular format
- Separate Results
- Sortable columns
- Movable columns
- Collapsible headings

For example, for the query:

```
LET
  @MyList = IBM, DELL, MSFT

SHOW
  t+1: percent_move from today to 1 day later of @MyList
  t+2: percent_move from today to 2 days later of @MyList
  t+3: percent_move from today to 3 days later of @MyList
WHEN
# Cross below 50-day Moving Average

  @MyList crosses below 50 day average of @MyList
AND
  Date is 2008
```

The results display as follows in the Standard Report format:

Report

Format

[-] Heading
Get variable values:
@MyList = IBM

Date	Day	t+1	t+2	t+3
01/25/2008	Fri	0.4401	1.5117	1.0811
02/05/2008	Tue	-1.3616	-2.5519	-1.6663
02/19/2008	Tue	2.7143	1.8381	2.9238
3 Occurrences				

[-] Heading
Get variable values:
@MyList = DELL

Date	Day	t+1	t+2	t+3
03/19/2008	Wed	2.5628	2.5628	5.3819
03/27/2008	Thu	0.7191	2.3112	4.4171
04/04/2008	Fri	-1.5361	NaN	NaN
3 Occurrences				

[-] Heading
Get variable values:
@MyList = MSFT

Date	Day	t+1	t+2	t+3
01/04/2008	Fri	0.6690	-2.7051	0.1745
1 Occurrences				

Statistic	Column 1	Column 2	Column 3

Dismiss Save Paste To Excel Print

Tabs Report

The report results are separated onto Block, Summary and Attribute tabs. Select the query block you would like to view then select the tab for the specific attribute results. This report view includes the heading field and the summary results specific to the selected attribute. The Summary tab includes the summary results for the entire query.

Features of the Tabs Report format include:

- Multiple results organized by tab; not all in one page
- Summary tab combines data from different reports
- Sortable columns
- Movable columns
- Collapsible heading
- Tabs are named with variable value

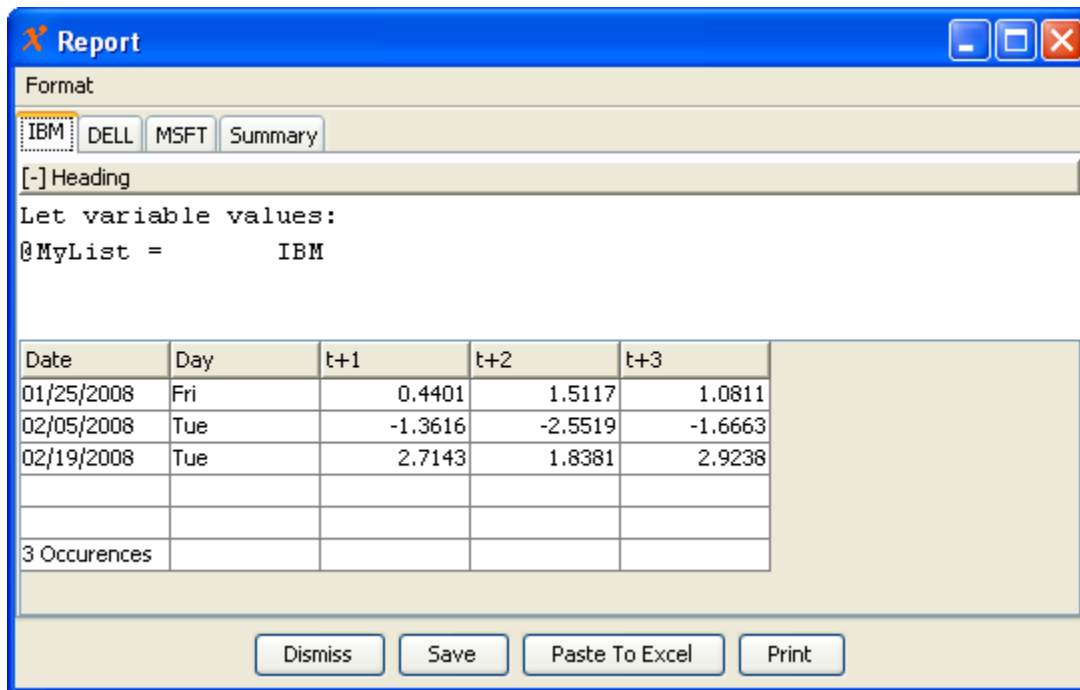
For example, for the query:

```
LET
  @MyList = IBM, DELL, MSFT

SHOW
  t+1: percent_move from today to 1 day later of @MyList
  t+2: percent_move from today to 2 days later of @MyList
  t+3: percent_move from today to 3 days later of @MyList
WHEN
# Cross below 50-day Moving Average

  @MyList crosses below 50 day average of @MyList
AND
  Date is 2008
```

The results display as follows using the Tabs Report format:



Text Report

The Text Report format displays the report results on one page in a text format. The results are separated by attribute.

Features of the Text Report format include:

- Column Headers are not all right justified
- Columns format more precisely than in the Classic Report format

For example, for the query:

```

LET
  @MyList = IBM, DELL, MSFT

SHOW
  t+1: percent_move from today to 1 day later of @MyList
  t+2: percent_move from today to 2 days later of @MyList
  t+3: percent_move from today to 3 days later of @MyList
WHEN
# Cross below 50-day Moving Average

  @MyList crosses below 50 day average of @MyList
AND
  Date is 2008
    
```

The results display as follows using the Text Report format:

Report

Format

Let variable values:
@MyList = IBM

Date	Day	t+1	t+2	t+3
01/25/2008	Fri	0.4401	1.5117	1.0811
02/05/2008	Tue	-1.3616	-2.5519	-1.6663
02/19/2008	Tue	2.7143	1.8381	2.9238

3 Occurrences

Let variable values:
@MyList = DELL

Date	Day	t+1	t+2	t+3
03/19/2008	Wed	2.5628	NaN	NaN

1 Occurrences

Let variable values:
@MyList = MSFT

Date	Day	t+1	t+2	t+3
01/04/2008	Fri	0.6690	-2.7051	0.1745

1 Occurrences

Dismiss Save Paste To Excel Print

One Table Report

Report and summary results are listed together in a single table format. Results are separated by attribute.

Features of the One Table Report format include:

- All results in one table
- All results in one table allows for easy pasting into Excel

For example, for the query:

```
LET
  @MyList = IBM, DELL, MSFT

SHOW
  t+1: percent_move from today to 1 day later of @MyList
  t+2: percent_move from today to 2 days later of @MyList
  t+3: percent_move from today to 3 days later of @MyList
WHEN
# Cross below 50-day Moving Average

  @MyList crosses below 50 day average of @MyList
AND
  Date is 2008
```

The results display as follows using the One Table Report format:

Let variable ...				
Date	Day	t+1	t+2	t+3
01/25/2008	Fri	0.4401	1.5117	1.0811
02/05/2008	Tue	-1.3616	-2.5519	-1.6663
02/19/2008	Tue	2.7143	1.8381	2.9238
3 Occurrences				
Let variable ...				
Date	Day	t+1	t+2	t+3
03/19/2008	Wed	2.5628	2.5628	5.3819
03/27/2008	Thu	0.7191	2.3112	4.4171
04/04/2008	Fri	-1.5361	NaN	NaN
3 Occurrences				
Let variable ...				
Date	Day	t+1	t+2	t+3
01/04/2008	Fri	0.6690	-2.7051	0.1745
1 Occurrences				

By Date Report

Use this report format when you have a query that contains a LET statement. The report outputs the results onto Block and Col (Column) tabs. Select the Block and Col tabs to display the attributes grouped together by date with their summary statistics.

Features of the By Date Report format include:

- Data is combined from various results and organized by date
- Multiple columns in a SHOW statement results in multiple column tabs
- Sortable columns
- Movable columns
- Collapsible heading

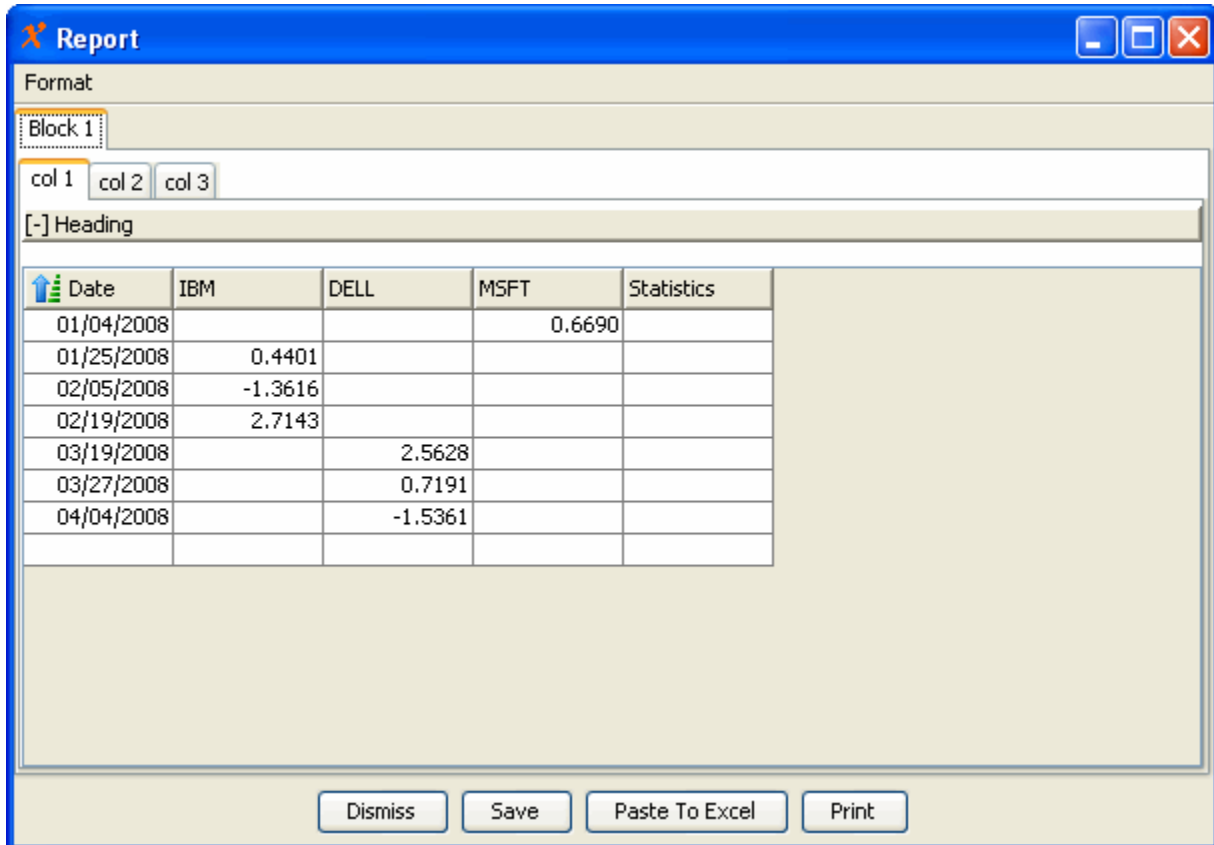
For example, for the query:

```
LET
  @MyList = IBM, DELL, MSFT

SHOW
  t+1: percent_move from today to 1 day later of @MyList
  t+2: percent_move from today to 2 days later of @MyList
  t+3: percent_move from today to 3 days later of @MyList
WHEN
# Cross below 50-day Moving Average

  @MyList crosses below 50 day average of @MyList
AND
  Date is 2008
```

The results display as follows using the By Date Report format:



Report

Format

Block 1

col 1 col 2 col 3

[-] Heading

Date	IBM	DELL	MSFT	Statistics
01/04/2008			0.6690	
01/25/2008	0.4401			
02/05/2008	-1.3616			
02/19/2008	2.7143			
03/19/2008		2.5628		
03/27/2008		0.7191		
04/04/2008		-1.5361		

Dismiss Save Paste To Excel Print


Classic Report Format

If you do not turn on the Enhanced Reporting (Enhanced Reporting option is unchecked in the User Preferences window) then the reports will have the Classic Report format. The Classic Report format displays the results in a tabular format using the report options set in the [Execute Options](#) and [User Preferences](#) windows.

For example, create the following query. This query shows the historical bar chart for IBM stock and the daily range associated with the stock for each day within the last year of trading.

Query:

```
SHOW
  1: BAR of IBM
  2: High of IBM - Low of IBM
WHEN
  Date is within 1 year
```

After creating the following query, select the **Report**  button.

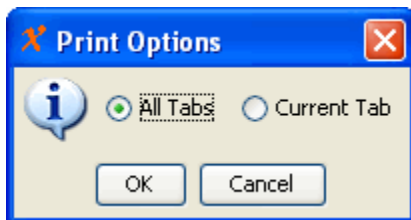
The **Report** window displays and the report will be in the Classic Report format:

Date	Day	1	2	3	4	5
03/02/2006	Thu	79.5500	80.2100	79.5400	79.9400	0.6700
03/03/2006	Fri	79.5100	80.8300	79.5100	79.9600	1.3200
03/06/2006	Mon	79.9100	80.6400	79.9000	80.0000	0.7400
03/07/2006	Tue	80.0100	80.7900	79.8600	80.2900	0.9300
03/08/2006	Wed	80.2500	81.6000	80.2500	81.1400	1.3500
03/09/2006	Thu	81.2600	81.9800	80.8000	81.0200	1.1800
03/10/2006	Fri	81.0300	82.2500	81.0300	81.5700	1.2200
03/13/2006	Mon	81.5600	82.4000	81.4500	81.9300	0.9500
03/14/2006	Tue	81.5100	82.9900	81.4700	82.8800	1.5200
03/15/2006	Wed	82.6500	83.7600	82.6400	83.3800	1.1200

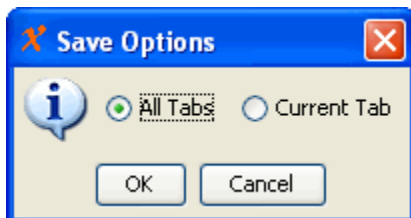
Print All and Save All

For the report results that have multiple tabs, you may print all or save all the reports. You may also print or save just the current tab that is displayed.

To print all the reports select the **Print** button, then choose **All Tabs** to print the information in each tab. To print only the currently displayed tab, select **Current Tab**.

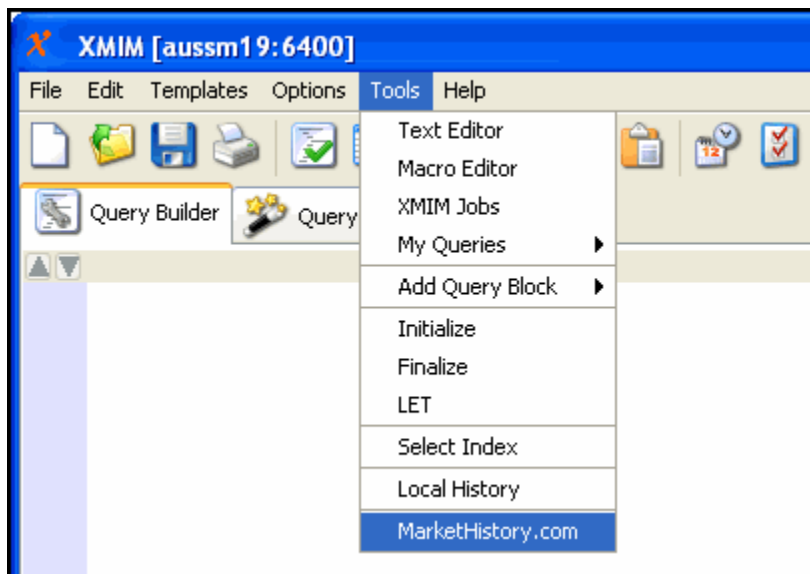


Respectively, you can save all the reports. Select the **Save** button, then choose **All Tabs** from the **Save Options** dialog. To save only the currently displayed tab, select **Current Tab**.



Access MarketHistory.com

Launch the MarketHistory.com website by selecting **Tools>MarketHistory.com** from the XMIM menu bar. MarketHistory.com provides subscribers with trading ideas they can't get anywhere else for US and global stocks, commodities, bond, and international currency markets. MarketHistory.com's ideas are based on quantitative analysis of market events using history to show how the markets respond to those events. This event-based analysis is made possible by the powerful, patented technology and extensive historical database provided by LIM's Market Information Machine (MIM).



Display the Online Catalog

In the **User Preferences** window (select **Options>User Preferences** from the menu bar) there is the **Online Catalog Config** pane where you can specify whether you want to include the Online Catalog in your browser window.

Use the Online Catalog to view the available data selections. Contact your local Account Representative or sales@lim.com to order additional datasets.

Undo and Redo Commands

You can undo and redo your query entries using the **Undo/Redo** commands listed in the **Edit** menu or use the key combinations **Ctrl+Z** to undo an entry and **Ctrl+Y** to redo an entry. Works character by character or if you delete a whole line you can undo the delete.

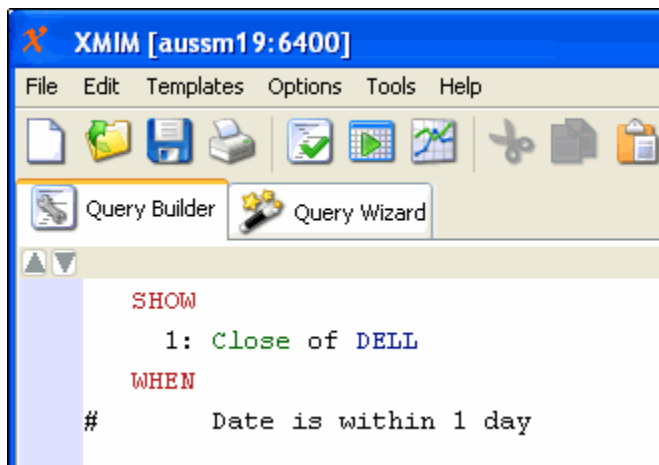
Context Sensitive Help for Studies

Learn more about your favorite studies. Select the **Studies**  button to open the list of studies. Select the **Help**  button then select a study. The **Online Help** opens to the information about the study.

Toggle Comments

You can now comment out entries for your query. In the **Edit** window click in the text that you want to comment out then select **Edit># Toggle Comment** from the menu bar or right-click and select **# Toggle Comment**. A **#** is placed in front of the text and the line will be commented out (ignored).

You can also use the short-cut key **Ctrl+K** to comment out text. These same methods will also remove the comments.



Drawdown in How Do I Say Dialog

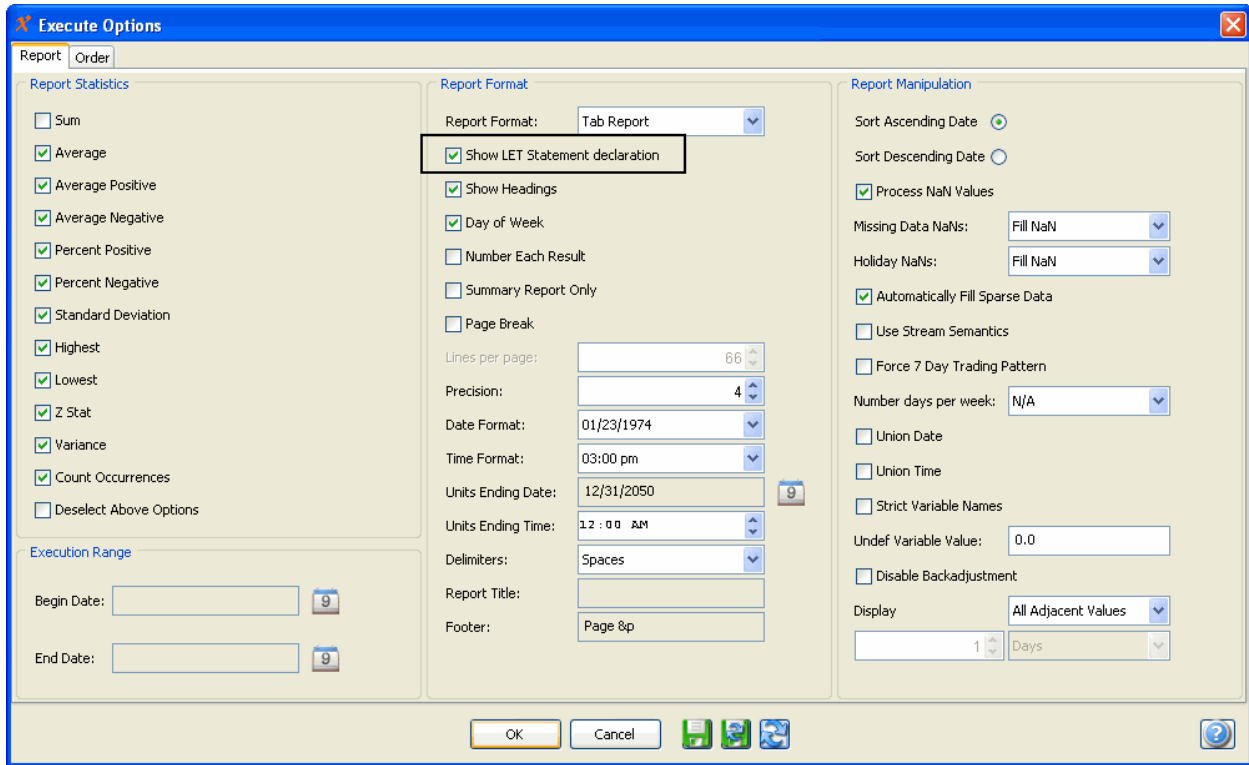
There is a new addition to the **How Do I Say** dialog: **Drawdown%**. This syntax is useful when your query includes a percent move from "today to X days later" so that the Drawdown for the time period can be evaluated as well. If your percent move is from today to 12 days later, your time period in the Drawdown should be the same.

For example:

```
SHOW
  t+12: percent_move from today to 12 days later of SPX
  Drawdown%: lowest from today to 12 days later of Low of SPX - SPX) / SPX * 100
Customize: Drawdown from today to [12] [days] later
```

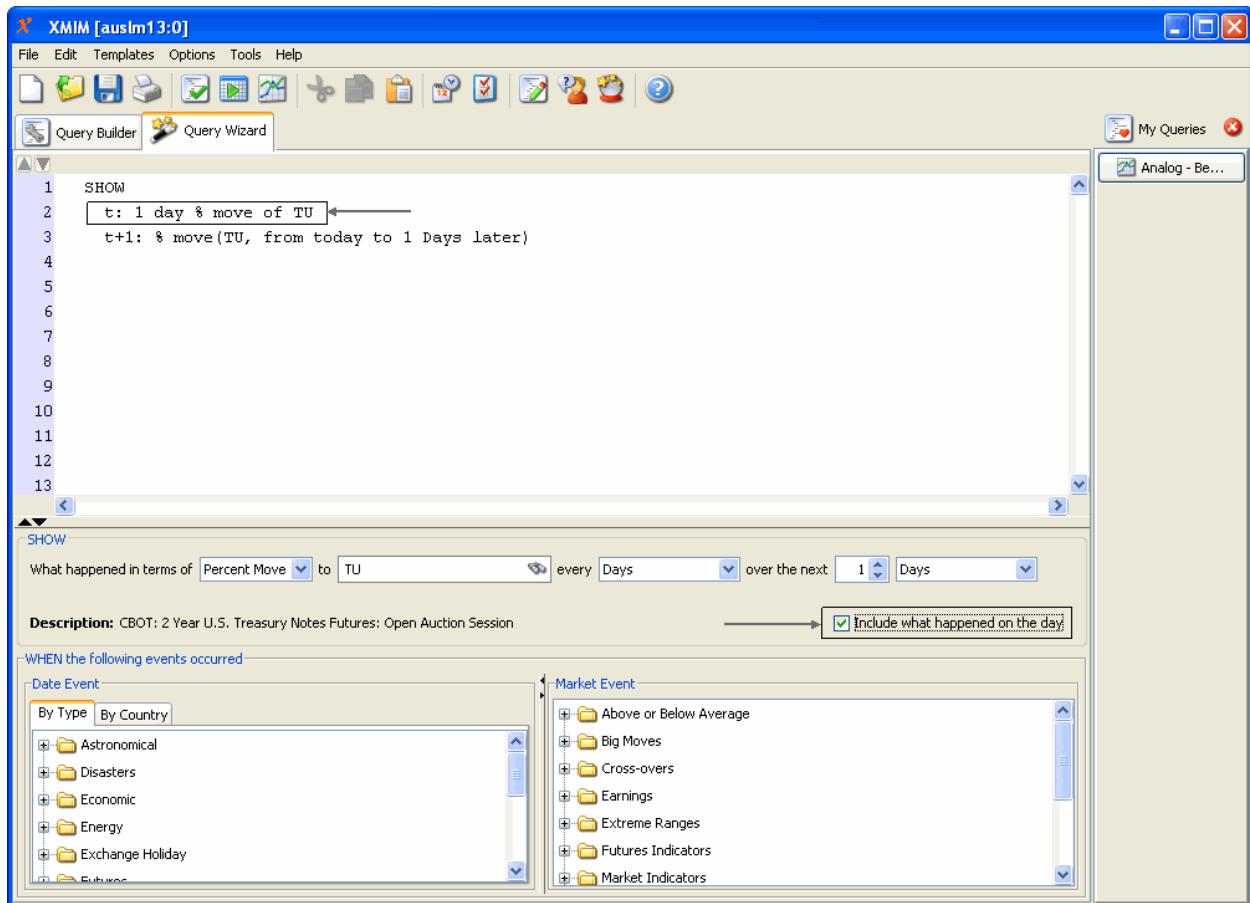
Show LET Statement Declaration

There is a new option in the **Execute Options** window that removes the LET declaration from the answers in the **Report** window. This option is checked by default (LET statement displays by default in the Report window). To access this option, from the menu bar, select **Options>Execute Options** then select the **Report** tab. In the **Report Format** pane there is a check box for **Show LET Statement Declaration**.



Include What Happened on the Day

There is a new check box named **Include what happened on the day** in the SHOW pane of the Query Wizard.



Most of the Query Wizard SHOW statements have an implied time offset built into them. Check the **Include what happened on the day** check box to add a query statement with no time offset.

For example (with check box unchecked):

```
t+1: % move(TU, from today to 1 Days later)
```

For example (with check box checked):

```
SHOW
  t: 1 day % move of TU
  t+1: % move(TU, from today to 1 Days later)
```


The **Include what happened on the day** check box adds a query statement with no time offset.

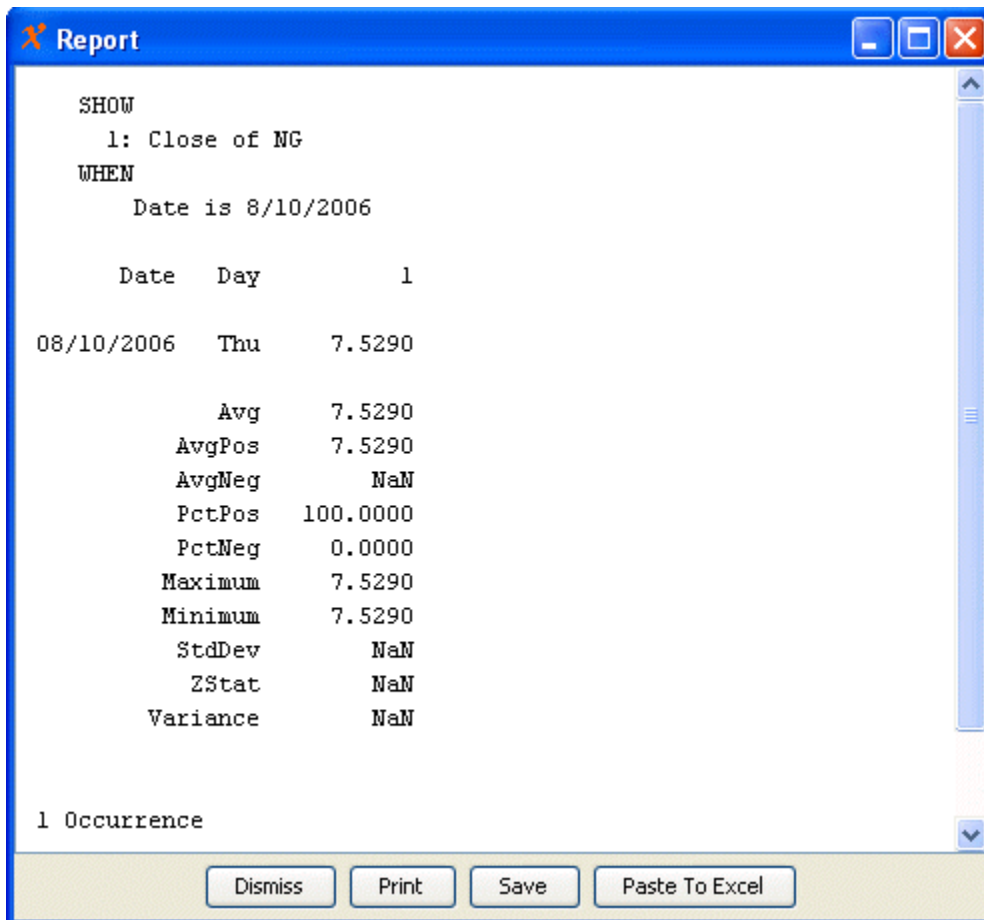
Release 6.0.2

This release also contains bug fixes. Please see the [XMIM Release Notes](#) for more information.

Please see the newly added documentation for [Analog Queries](#).

Report Options

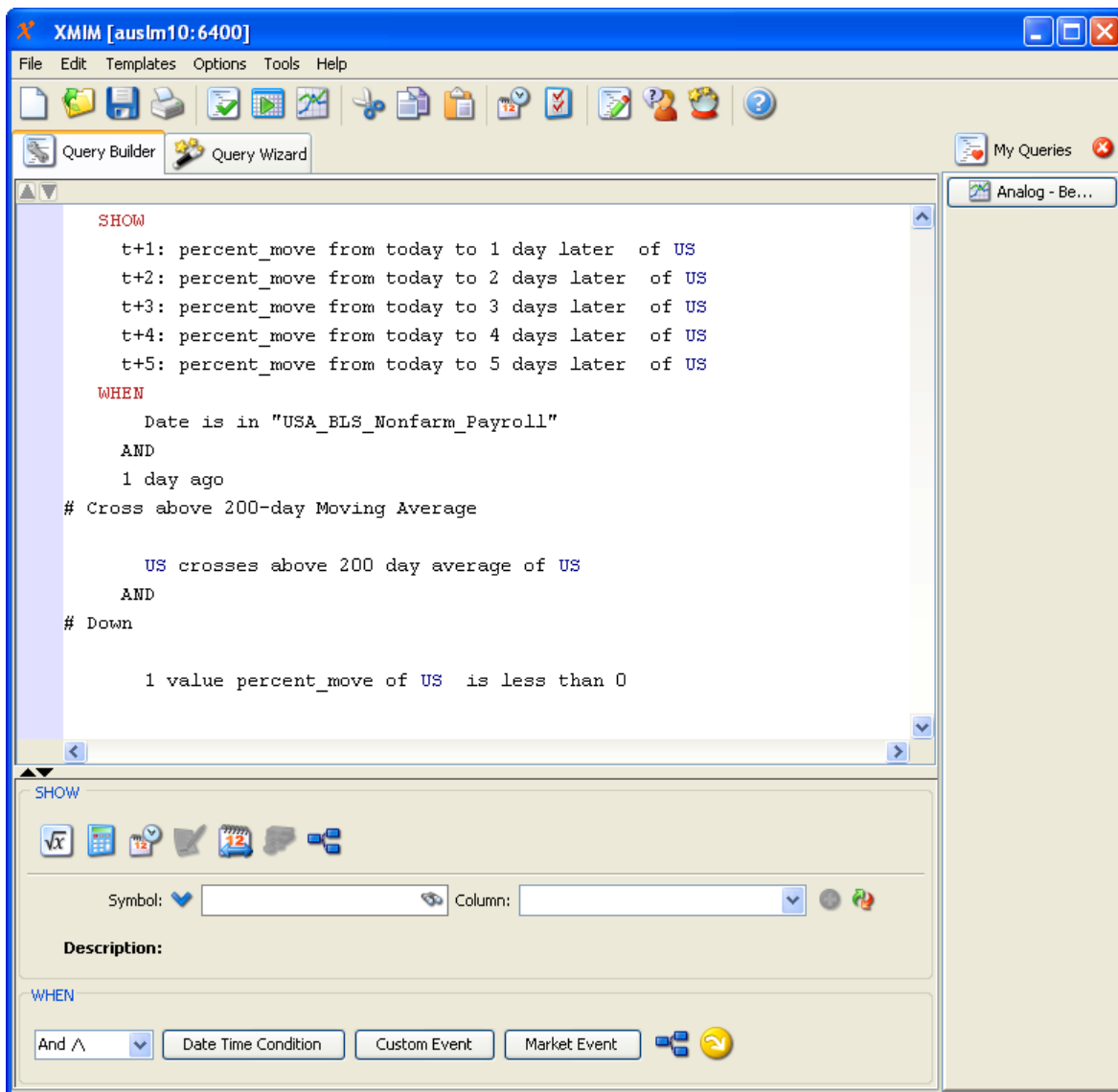
Open the **User Preferences** window (select Options>User Preferences from the menu bar). In the **Report Options** pane check the box for **Show Query in Report Window** (option is unchecked by default). Select **OK** to close the **User Preferences** window. Now when you create a query and select the **Report**  button your query will display at the top of the **Report** window.



Release 6.0.0

New Design

XMIM is easier to use with a flattened layout. The design has been retooled so that the user can make query selections using less sub-menu selections.



Query Wizard

The new **Query Wizard** window is designed to assist users in creating sophisticated event-driven queries.

The pre-defined **SHOW** statement allows users to specify the type of study to apply to their specific symbol and what granularity of time is to be studied and how far out past their event date to look.

The **WHEN** condition contains date events and market events. Date events contain important report release date files, important meeting dates or other various event dates that affect the market. The market events contain pre-built **WHEN** condition statements about popular analysis criteria like new highs or cross-overs.

Example:

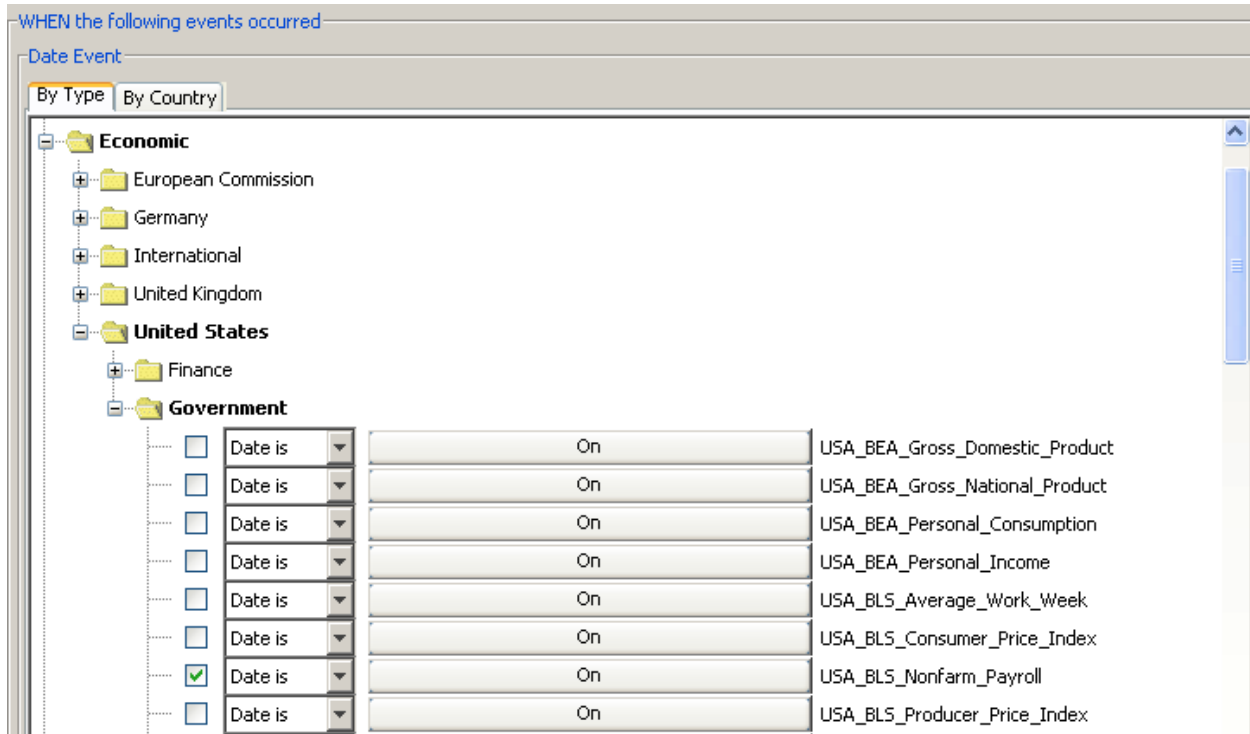
Using the new Query Wizard, it takes just a few clicks to create a query that shows: What's happened in the past to the US Treasury Bond Future following a Non-Farm Employment report and US is down but the day before the Future crossed above its 200 day average?

Using the **SHOW** statement, users can choose to perform the analysis in terms of total return, % move, or move. For this example, fill in the statement to say: show what happened in terms of % move to US every day over the next week. Upon completion, the **SHOW** statement is built automatically for the user.

The screenshot shows a configuration window for the **SHOW** statement. The text reads: "What happened in terms of **Percent Move** to **US** every **Days** over the next **1** **Weeks**". Below this, a **Description** field contains the text: "CBOT: 30 Year U.S. Treasury Bonds Futures: Open Auction Session".

Then, to add conditions to the query, use the **Date Event** and **Market Event** panels.

In the **Date Event** window, locate the Non-Farm Payroll date event by going to **Economic>United States>Government**. Select the check box next to **USA_BLS_NONFARM_PAYROLL**. Notice that the syntax has been added.



Then in the **Market Events** panel, go to **Ups and Downs** and check the box next to **Down**. Notice that the symbol fills in automatically.

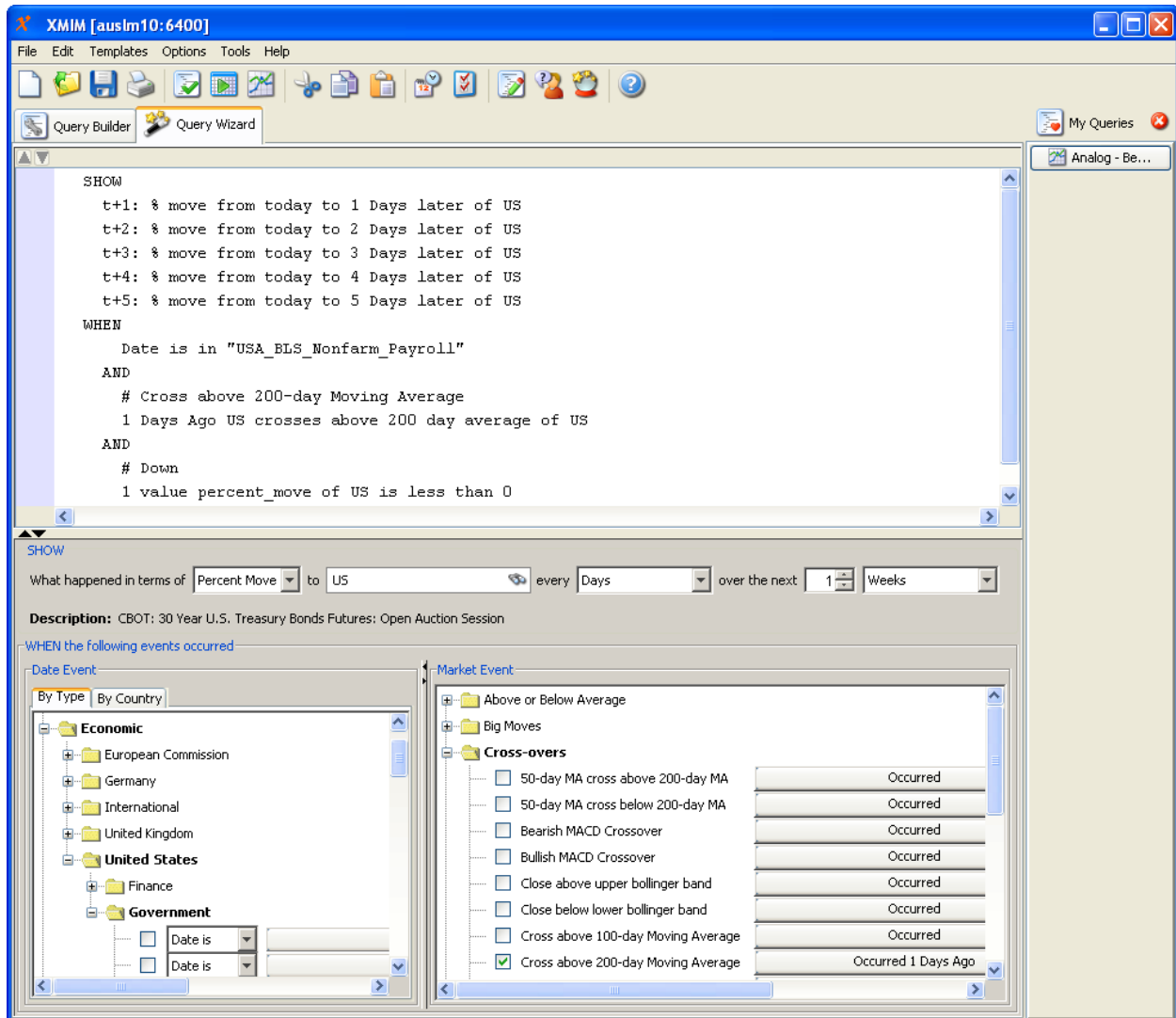


Select **Cross-overs** and check the box next to **cross above 200 day moving average** and select the **Occurred** button to select **1 day ago**.

The screenshot shows a 'Market Event' configuration window. On the left, a tree view is expanded to 'Cross-overs'. The main area contains a list of event types, each with a checkbox, a button, and a 'For' field. The 'Cross above 200-day Moving Average' event is selected with a green checkmark, and its button is set to 'Occurred', with a configuration of '1 Days Ago' and 'US' in the 'For' field.

Event Type	Button	For
<input type="checkbox"/> 50-day MA cross above 200-day MA	Occurred	
<input type="checkbox"/> 50-day MA cross below 200-day MA	Occurred	
<input type="checkbox"/> Bearish MACD Crossover	Occurred	
<input type="checkbox"/> Bullish MACD Crossover	Occurred	
<input type="checkbox"/> Close above upper bollinger band	Occurred	
<input type="checkbox"/> Close below lower bollinger band	Occurred	
<input type="checkbox"/> Cross above 100-day Moving Average	Occurred	
<input checked="" type="checkbox"/> Cross above 200-day Moving Average	Occurred	1 Days Ago US
<input type="checkbox"/> Cross above 50-day Moving Average	Occurred	


The query is complete. If desired, you can see the results of the query by selecting the **Report** button from the toolbar.

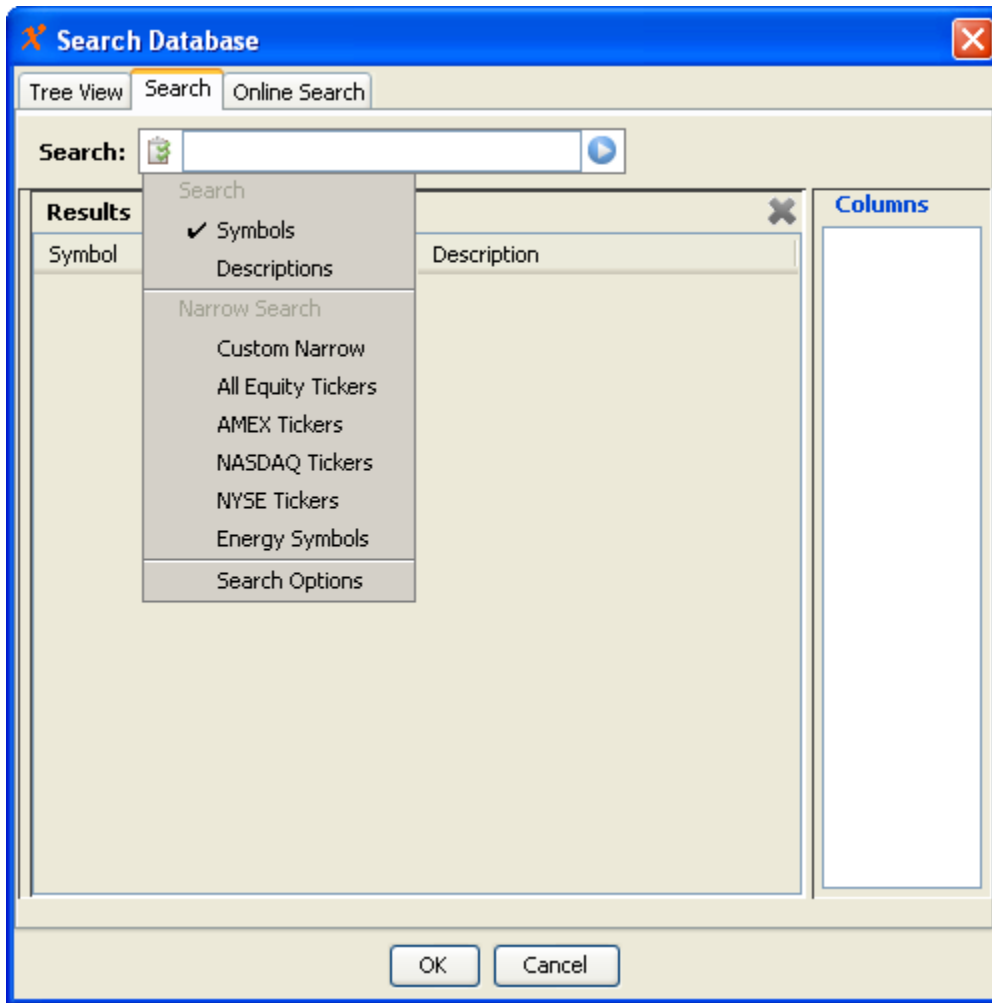


Query Builder


The **Query Builder** window is easier to use with improvements to the SHOW and WHEN panels.

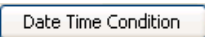
All of the functions in the Attribute have been translated into buttons and are located in the Query Builder, eliminating a level of nested windows.

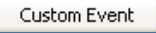
A new **Search Database**  feature is available for improved navigation of the database. Search functions include searching within your own database and the LIM on-line database catalog. The following shows the **Search Database** window:



A new shortcuts functionality that reorganizes the database into various sorts will soon be available.


A new **Edit Rollover**  function is available for customizing futures contract rollover policies. A wide variety of settings are available and this window will create the necessary LET statement for the user.

Changes made to the WHEN condition options makes adding criteria to queries simple. The new **Date Time Condition**  window allows for multiple date and time conditions to be added at once.


The **Custom Events**  button, formerly known as Daily Tick is a more user-friendly way to construct the users own events.

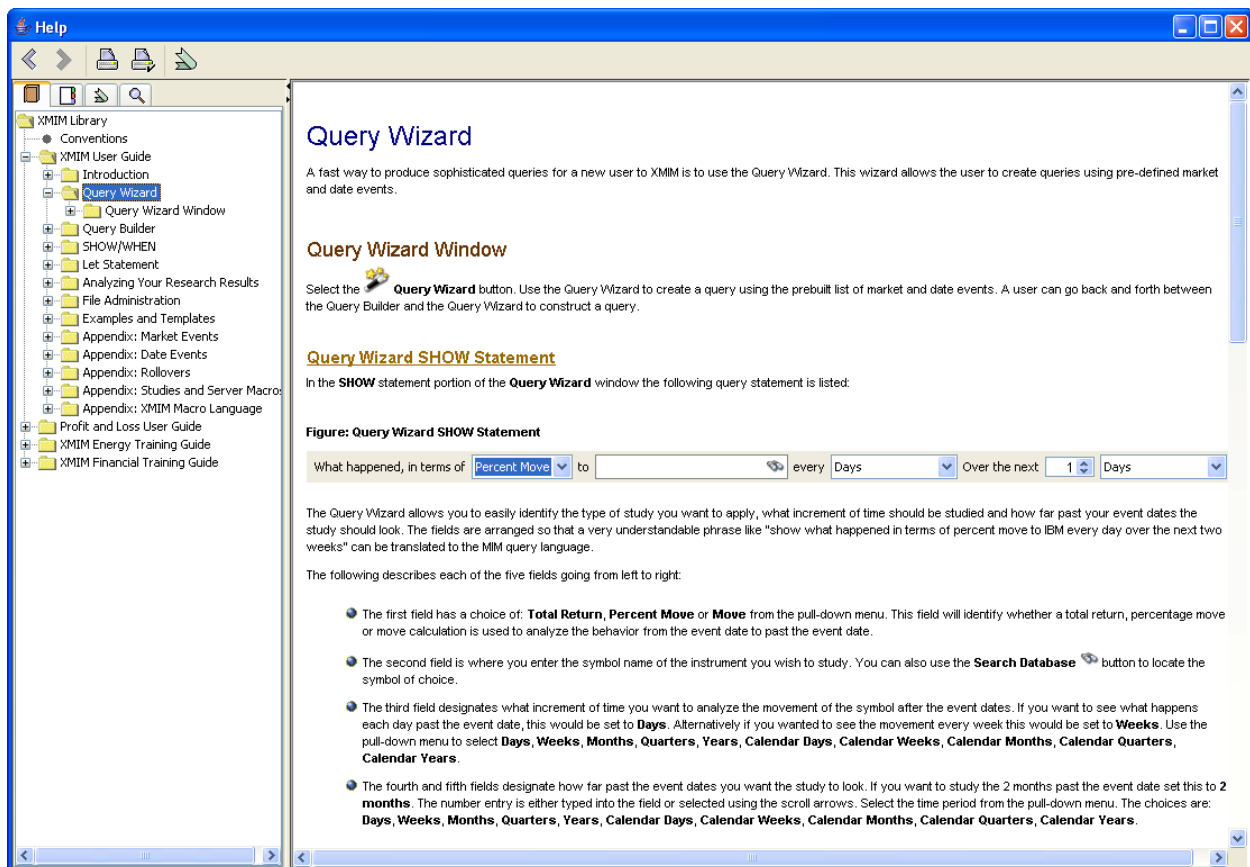
The pre-defined **Market Events** Market Event (also available in the Query Wizard) are available in the Query Builder for convenience so that these complex conditions can be easily added to any query.

How Do I Say

There is a new **How Do I Say**  button to assist with turning difficult phrases into the query language. This function provides a library of query syntax for challenging phrases and allows the user to customize the phrase if necessary and add it to a query. The user is also able to add their own phrases for easy retrieval.

Online Help

A searchable **Help** menu includes user and training guides as well as context-sensitive help. Select the Help  button then select the portion of the window that you would like to pin-point specific subject information.

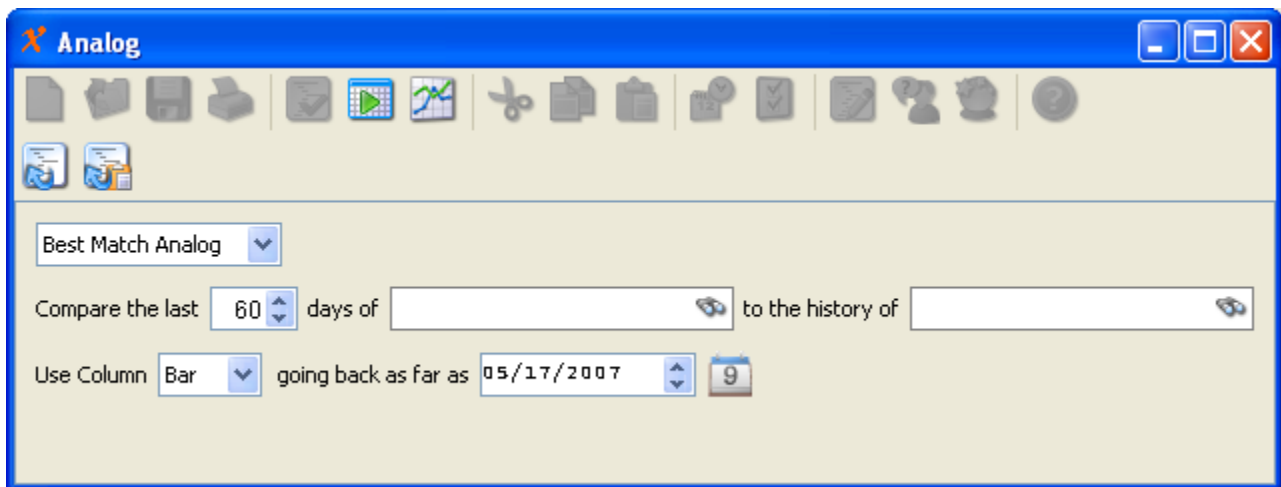


My Queries

The **My Queries** panel provides a place to store and have easy access to the queries you would like to run regularly. XMIM is pre-loaded with the best match analog in the My Queries pane. With just a click of the button, the graph will generate, showing the historical match of the Standard and Poors 500 index over the last 200 days.

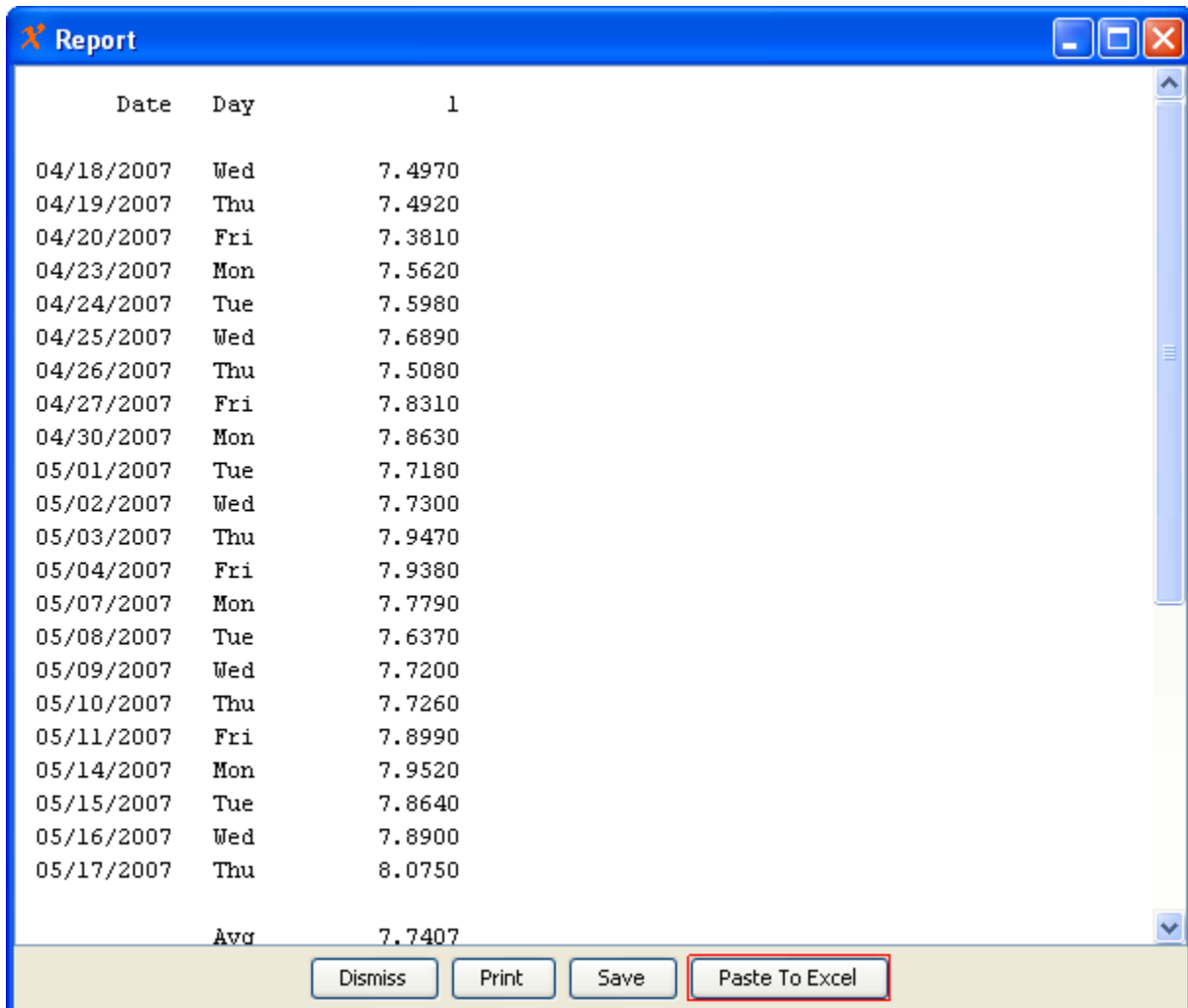
Templates

Use the **Templates**  button to quickly edit LIM provided queries such as the Best Match Analog or Threshold Analog query.



Paste to Excel from Report

When you are in a **Report** window (select the **Report**  button to generate a report of a query) you now can paste the report results to an Excel® worksheet. User settings are available to customize this feature. Just select **Options>User Preferences** from the menu bar.



The screenshot shows a window titled "Report" with a blue header bar. The window contains a table with three columns: "Date", "Day", and a numerical value. The data is as follows:

Date	Day	1
04/18/2007	Wed	7.4970
04/19/2007	Thu	7.4920
04/20/2007	Fri	7.3810
04/23/2007	Mon	7.5620
04/24/2007	Tue	7.5980
04/25/2007	Wed	7.6890
04/26/2007	Thu	7.5080
04/27/2007	Fri	7.8310
04/30/2007	Mon	7.8630
05/01/2007	Tue	7.7180
05/02/2007	Wed	7.7300
05/03/2007	Thu	7.9470
05/04/2007	Fri	7.9380
05/07/2007	Mon	7.7790
05/08/2007	Tue	7.6370
05/09/2007	Wed	7.7200
05/10/2007	Thu	7.7260
05/11/2007	Fri	7.8990
05/14/2007	Mon	7.9520
05/15/2007	Tue	7.8640
05/16/2007	Wed	7.8900
05/17/2007	Thu	8.0750
Avg		7.7407

At the bottom of the window, there are four buttons: "Dismiss", "Print", "Save", and "Paste To Excel". The "Paste To Excel" button is highlighted with a red rectangular box.

