

Monocle for Windows

This DEMO was created on 7-27-94, Fund List updated as of 5-5-95, Trial includes all the latest features of MONOCLE, which are not available in this DEMO.

Trial - \$10.95

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[TABLE OF CONTENTS](#) (demo only covers ch 3 & 4)



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TABLE OF CONTENTS

The TRIAL includes a 250+ page softbound manual on and off-line, covering all the features of MONOCLE.

Only chapters 3 and 4 are included to give you a feel for the program. Complete product includes a 21 chapter manual on-line.

CHAPTER 1 - 2 EXCLUDED IN DEMO

CHAPTER 3 FUNDAMENTALS

CHAPTER 4 TUTORIAL

CHAPTER 5 -21 EXCLUDED IN DEMO

[Click here for breakdown of sections](#)

TABLE OF CONTENTS

The TRIAL includes a 250+ page softbound manual on and off-line, covering all the features of MONOCLE.

CHAPTER 1 - 2 EXCLUDED IN DEMO

CHAPTER 3 FUNDAMENTALS

- 3.1 STARTING OUT
- 3.2 TOOL BAR
- 3.3 DRAW BAR
- 3.4 STATUS BAR
- 3.5 FUND GROUPS
- 3.6 CURRENT FUND
- 3.7 ACTIVE INDICATOR WINDOW

CHAPTER 4 TUTORIAL

- 4.1 OPENING A FUND GROUP
- 4.2 GROUP WINDOW OVERVIEW
- 4.3 SELECTING AN INDICATOR
 - 4.3.1 EDITING INDICATOR PARAMETERS - MAIN
 - 4.3.2 EDITING INDICATOR PARAMETERS - STATISTICS
 - 4.3.3 SELECTING AN INDICATOR
- 4.4 TIMING INDICATORS
- 4.5 DRAWING FUNCTIONS
- 4.6 FUND DESCRIPTION
- 4.7 LOAD INDIVIDUAL FUND
- 4.8 STATISTIC GROUPS
 - 4.8.1 CREATING STATISTIC GROUPS
 - 4.8.2 STATISTICS WINDOW
- 4.9 WINDOWING COMMANDS
- 4.10 Monocle DOWNLOADER - not included for use in demo
- 4.11 LATEST PRICING
- 4.12 CONCLUSION

CHAPTER 5 -21 EXCLUDED IN DEMO

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Manhattan Beach, CA 90266

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CHAPTER 3

Chapter 3. Fundamentals

Do Not Skip This Section

3.1 Starting Out

When you begin Monocle, the following screen will be displayed.

Note: *If the Autoload feature was previously selected from the fund groups dialog box, a fund group will be loaded on startup and a mutual fund's price history will be displayed.*

There are three icon bars which simplify access to the most commonly used features of Monocle:

1. **Tool Bar** - Provides access to the primary functionality of the program including the various statistics, indicators, and windowing commands.
2. **Draw Bar** - Provides access to the various drawing commands including Trendlines and Fibonacci Arcs.
3. **Status Bar** - Displays helpful information in its different windows and allows for selection of the Current Fund.

Note: *If there are no fund groups open, there are only four options available: **Fund Groups, Downloader, Help, Exit.***

3.2 Tool Bar

The *Tool Bar* provides push button access to the major functionality of Monocle. It is located near the top of the program window and can be toggled On or Off from the Windows menu.

The Tool Bar is composed of the following items in the order of their appearance from left to right.



1. **Fund Groups Icon:** Allows you to open, add, delete, and edit a fund group.
2. **Indicators Icon:** Allows you to select and edit indicators for the active fund group.
3. **Statistic Groups Icon:** Allows you to open, add, delete, and edit a statistic group.
4. **Fund Portfolios Icon:** Allows you to open, add, delete, and edit a fund portfolio for the active fund group.
5. **Load Individual Fund Icon:** Allows you to display any fund from the Monocle database.
6. **Fund Description Icon:** Displays a brief description of the Current Fund.
7. **Latest Pricing Icon:** Displays the most current day's pricing for the funds in the active fund group.



8. **Trading System Icon** - Allows you to view, add, delete and edit trading systems. The Monocle Trading System is a system add-on. Please contact Manhattan Analytics for additional information.



9. **Tile Fund Groups Icon:** Tiles the fund group windows to fill the available area of Monocle.
10. **Cascade Fund Groups Icon:** Cascades the fund group windows within the available area of Monocle.
11. **Tile Child Windows Icon:** Tiles the child windows to fill the active fund group window.
12. **Stack Child Windows Icon:** Stacks the child windows vertically to fill the active fund group window.
13. **Cascade Child Windows Icon:** Cascades the child windows within the active fund group window.



14. **Align Dates Icon:** Sets the period displayed for all indicator windows within a fund group window to the period of the active indicator window.
15. **Zoom In Icon:** Allows you to zoom-in on a specific period within the active indicator window.
16. **Zoom Out Last Icon:** Allows you to zoom back to the previous period if one was defined, otherwise the entire loaded history will be displayed.

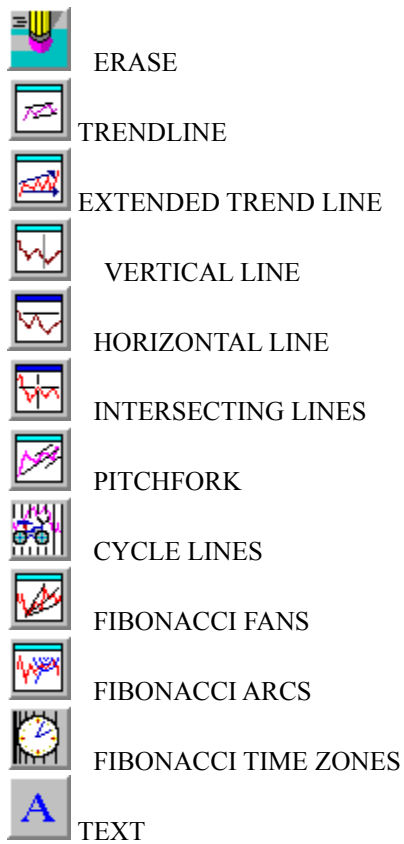


17. **Print Icon:** Enables you to print any window of the active fund group.
18. **Monocle Downloader Icon:** Starts the Monocle Downloader where you can update your database and transmit messages to and from Manhattan Analytics.
19. **Help Icon:** Opens the on-line Help file.

3.3 Draw Bar

The *Draw Bar* provides push button access to the drawing functions of Monocle. It is located on the left edge of the program window and can be toggled On or Off from the Windows menu.

The Draw Bar is composed of the following commands in the order of their appearance from top to bottom.



Note: *The text icon is not displayed on monitors with a resolution less than 800 x 600.*

3.4 Status Bar

The *Status Bar* displays information to assist you in the use of Monoole. It is located on the bottom of the program window and can be toggled On or Off from the Windows menu.

The Status Bar is composed of the following items in the order of their appearance from left to right.

1. **Icon Information Window** - Displays the name of the icon over which the mouse is positioned. This allows you to quickly determine the function of an icon by positioning the cursor over it.
2. **Drawing Function Information Window** - Displays the status of the selected drawing function. For example, when the Fibonacci Arc function is chosen, you are prompted to "Select First Point."
3. **Previous Fund Icon** - Sets the Current Fund to the previous fund in the fund group.
4. **Select Current Fund Icon** - Allows you to directly select the Current Fund from the funds in the fund group.
5. **Next Fund Icon** - Sets the Current Fund to the next fund in the fund group.
6. **Symbol Window** - Displays the symbol of the Current Fund.
7. **Fund Name Window** - Displays the name of the Current Fund.



3.5 Fund Groups

Monocle is designed around the concept of *fund groups*. Nearly all aspects of the program revolve around the fund group. Understanding this concept is fundamental to effectively using Monocle.

A fund group is comprised of the following:

- * **Name** - The name of the fund group which is located on the fund group window title bar.
- * **Set of funds** - The mutual funds to be analyzed.
- * **Benchmark** - A fund or index against which the funds in the group are compared. The Benchmark is located following the fund group name on the fund group window title bar.
- * **Period** - The length of time the funds in the group are to be loaded.

Note: A fund group must be opened before any analysis can be performed.

A fund group contains a set of funds with a defined Benchmark. The funds in the group are selected from the Monocle database. The Benchmark for the group is a fund or index against which the funds in the group are compared. For example, to analyze the funds in the group against the market, you can select a mutual fund that approximates the market to be the Benchmark, like Fidelity's US Equity, FUSEX. **Remember, for your data to have meaning, choose a suitable benchmark.**

Note: *To aid in your analysis of mutual funds, Monocle also tracks many accepted market indexes, such as the S&P 500. Monocle allows you to select any fund or index in the database to serve as the Benchmark. One word of caution when using true indexes as benchmarks: investing in an index is not comparable to investing in a mutual fund.*

Monocle comes with fund groups for over 150 of the most popular mutual fund families. For example, the Fidelity Investments group contains over 100 Fidelity Mutual Funds. Additionally, Monocle includes fund groups for over 20 investment objectives, such as Aggressive Growth and Income.

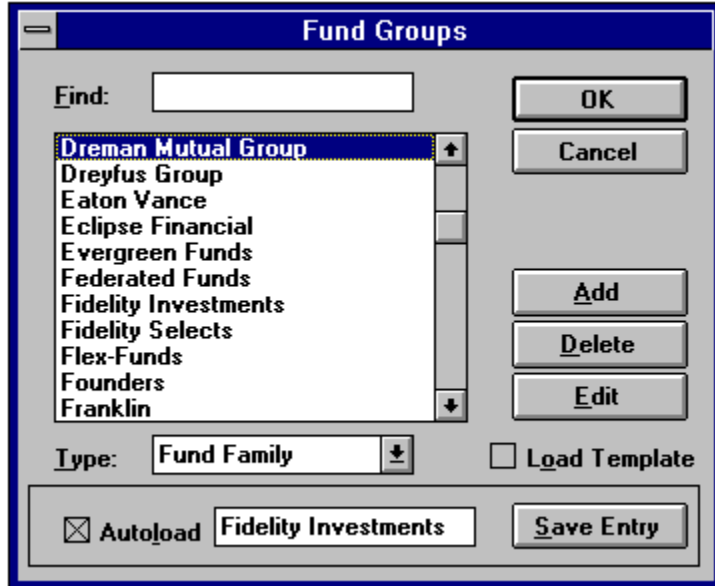
Note: *Multiple fund group can be open simultaneously.*

To open a fund group:

1. Choose **Fund Groups** from the Tool Bar or the File menu.



A dialog box will be displayed listing the available fund groups.



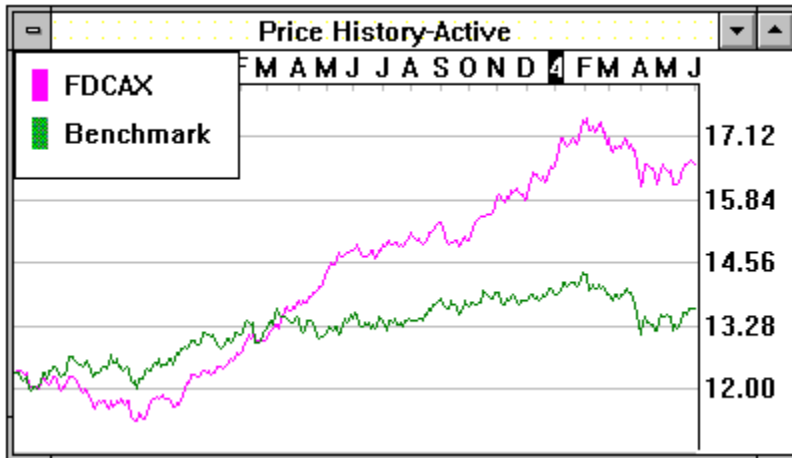
2. Select a fund group from the list.
3. Click on **Ok**.
This will create a fund group window and load the funds in the group.
A Price History indicator will be opened displaying the performance of the Current Fund versus the Benchmark.

The name of the fund group and the Benchmark are displayed on the title bar of the fund group window while the name and symbol of the Current Fund are displayed on the Status Bar. Once a fund group is loaded, analysis can be performed on the funds within the group.

3.6 Current Fund

The *Current Fund* is the fund upon which the various indicators (Price History, MACD, etc.) operate. When a fund group is opened, the first fund in the group becomes the *Current Fund*.

For example, assume that the Current Fund is FDCAX (Fidelity Capital Appreciation) and that the Benchmark is FMAGX (Fidelity Magellan). If the Price History chart is displayed, the two items charted are the Current Fund, FDCAX, and the Benchmark, FMAGX.



3.7 Active Indicator Window

The *active indicator window* is the window within the active fund group window that receives commands from the icon bars or the menu. Only an indicator window (Price History, Relative Strength, etc.) can be the Active Window.

The active indicator window is used by:

- * All drawing and zoom functions.
- * The **Date Align** command.
- * The statistic groups.

The active window is designated by the word "**Active**" attached to the window title.

Note: *For an indicator window to receive inputs it must be designated as "Active" and its fund group window must also be active.*

To select the active window:

- * Double-click on the area of the desired indicator window.

To select the active fund group window:

- * Click on the area of the desired fund group window.

Note: *When a new indicator is displayed, it automatically becomes active.*

CHAPTER 4

Chapter 4. Tutorial

This chapter provides a brief tutorial on Monocle and its possible use. **Remember that this tutorial is not a recommended investment strategy.** It is merely intended to demonstrate the functionality of Monocle. Please review this chapter thoroughly to acquire an overview of the program.

4.1 Opening a Fund Group

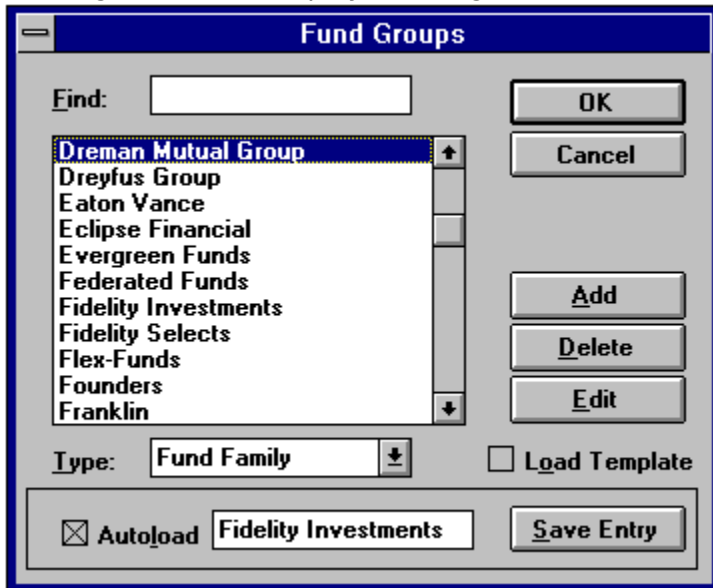
To begin our analysis of mutual funds we need to open a fund group. We will illustrate how this is done by opening the Fidelity Investments group.

To open a fund group window:

1. Choose **Fund Groups** from the Tool Bar or File menu.



A dialog box will be displayed listing the available fund groups

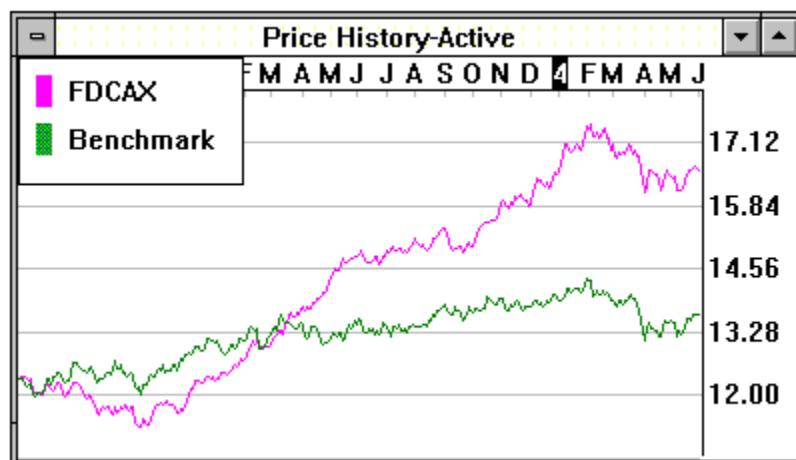


2. Highlight *Fidelity Investments* from the list.
To aid in your search, type the first few letters of "Fidelity" in the **Find** edit box.
3. Choose **OK**.
A window for the fund group will be created.

4.2 Group Window Overview

Within the fund group window, a Price History window will be created displaying the price history of the Current Fund and that of the Benchmark. Any statistics previously selected for the Price History indicator will be displayed at the bottom of the Price History window.

Once a fund group window is opened, other windows can be created within it, such as indicator windows (Relative Strength, MACD, etc.) and statistic windows (statistic groups, Latest Pricing). These windows within the fund group window are referred to as "child windows" (i.e., children of the fund group window).



The symbol of the Current Fund, FDCAX, will be displayed on the Status Bar while the name of the fund group, *Fidelity Investments*, and the Benchmark, U.S. Equity Index, will be displayed in the title bar of the fund group window.

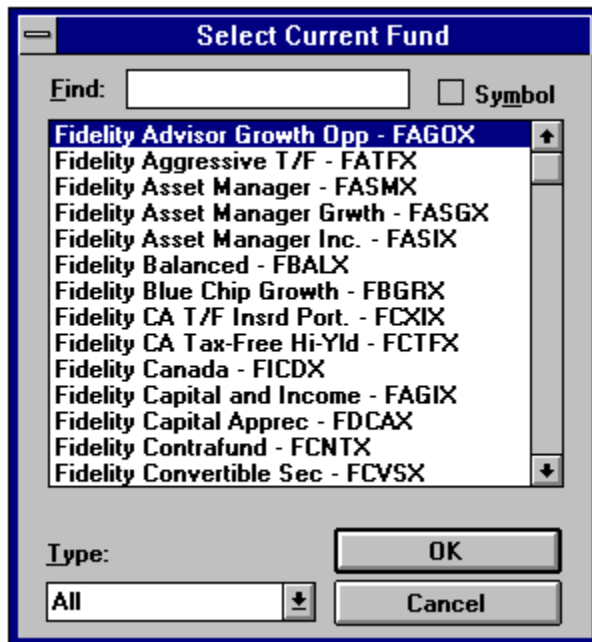
To scroll amongst the funds in the Fidelity Investments group, choose **Previous Fund** or **Next Fund** from the Status Bar or the File menu.

To select a specific fund from the group:

1. Choose **Select Current Fund** from the Status Bar or the File menu.



2. Highlight the fund in the dialog box which appears.



3. Choose **OK**.
The fund selected will become the Current Fund.

4.3 Selecting An Indicator

Monocle contains many powerful indicators to assist in fund selection and timing. To illustrate, we will use the Relative Strength indicator to determine whether the Current Fund, FDCAX, is outperforming the Benchmark. The Relative Strength indicator, as well as all other indicators in Monocle, can be chosen from the Charts menu or from the Indicators dialog box accessible from the **Indicators** icon on the Tool Bar. For this example, make sure the current fund is FDCAX.

4.3.1 Editing Indicator Parameters - Main

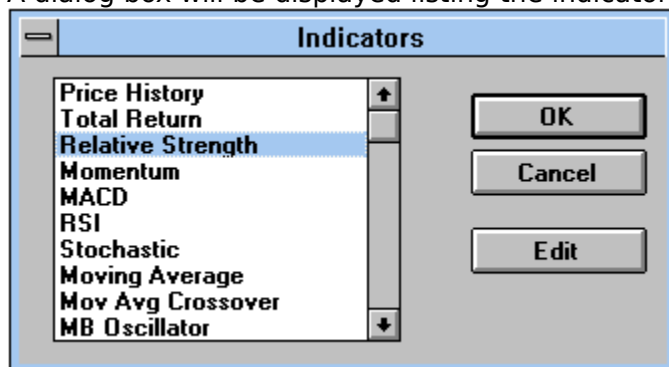
Note: Before selecting an indicator for the first time, it is recommended that you edit the indicator's parameters to suit your needs.

To edit the Relative Strength indicator:

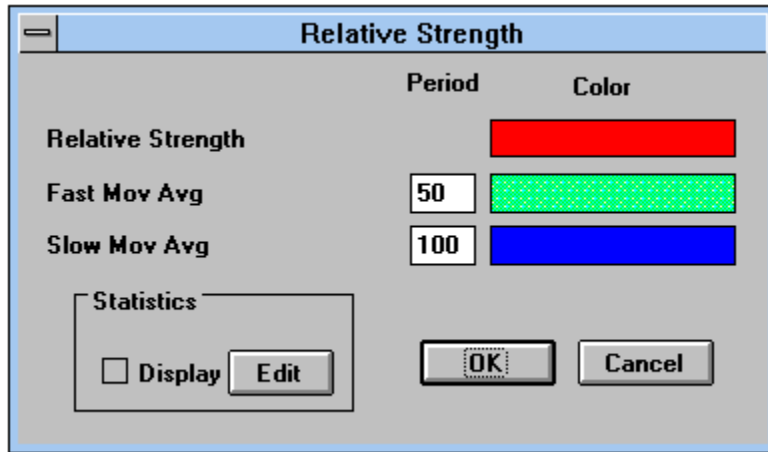
1. Choose **Indicators** from the Tool Bar or **Edit Parameters** from the Charts menu.



A dialog box will be displayed listing the indicators available.



2. Select *Relative Strength* from the list.
3. Choose **Edit**.
A dialog box for the Relative Strength indicator will be displayed where its parameter can be defined.



From an indicator's dialog box we can select calculation periods, line colors and statistics. The Relative Strength chart displays three lines: the Relative Strength, a fast moving average of the Relative Strength, and a slow moving average of the Relative Strength.

To define the periods for the Fast Moving Average and the Slow Moving Average, enter new values in the respective Period text boxes.

As a rule, the greater the period, the greater the smoothing. Unfortunately, increasing the smoothing also increases the lag in the response time to changes in the trend. For timing indicators (indicators which generate buy/sell signals for fund timing), the greater the period, the fewer signals generated.

For the Relative Strength Indicator, set the Fast Moving Average to 50 days and set the Slow Moving Average to 200 days. Fifty days is considered by many investment professionals to approximate the medium term trend, while 200 is considered to approximate the long term trend.

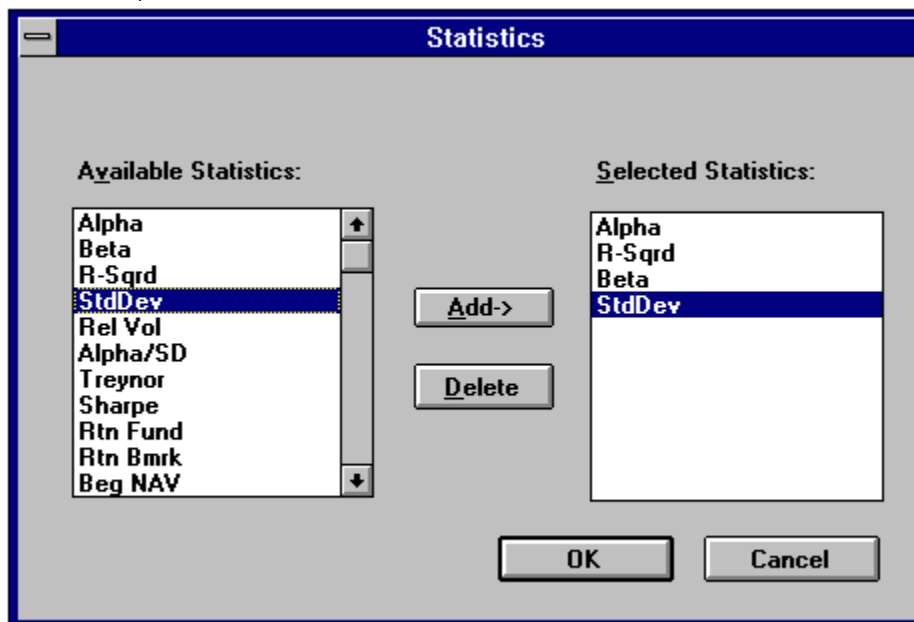
Note: All periods are specified in market days.

4.3.2 Editing Indicator Parameter - Statistics

Once we have defined the periods and colors of the Relative Strength Indicator, we will choose the statistics to be displayed on the bottom of the indicator window. All indicators windows may display statistics.

To have statistics displayed in the Relative Strength indicator window:

1. Check the **Display** box from the dialog box of the indicator.
This will display the selected statistics when the indicator window is opened.
2. Select **Edit**.
A dialog box will be displayed listing the available statistics for the Relative Strength chart. For our purposes, we want to display Alpha, Beta, R-Squared, and Standard Deviation for the Current Fund. To do so, we need to add these statistics to the **Selected Statistics** list.



To add a statistic to the indicator window:

1. Highlight the desired statistic from the **Available Statistics** list.
2. Select **Add**.

To delete a statistic from the indicator window:

1. Highlight the desired statistic from the **Selected Statistics** list.
2. Select **Delete**.

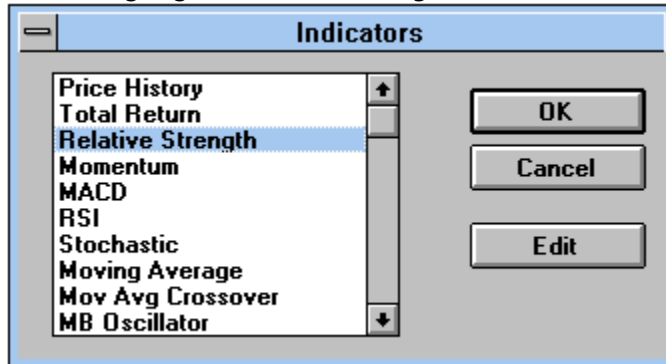
Once we have selected the statistics to be displayed, select **OK**. This will save the statistic changes and return us to the main dialog box for the Relative Strength Indicator. Having set the smoothing periods, line colors, and statistics to be displayed, we are ready to save our changes to the indicator. To do so, select **OK**. The **Indicators** dialog box will once again be displayed.

4.3.3 Selecting an Indicator

Now that we have configured the Relative Strength Indicator to our desired specifications, we can display it.

To display the Relative Strength Indicator:

1. Highlight *Relative Strength* from the Indicator list.



2. Select **OK**
A Relative Strength window will be created within the fund group window.

4.4 Timing Indicators

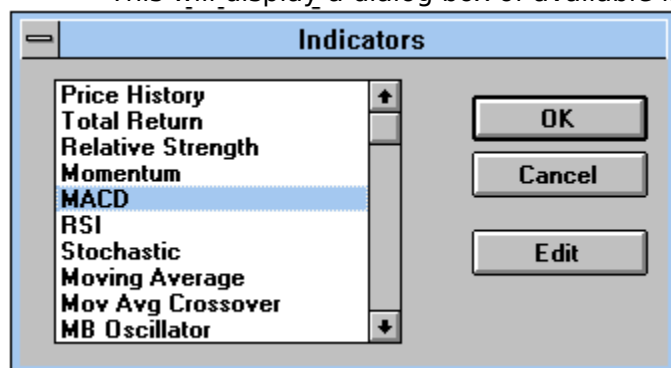
Monocle contains four indicators which are commonly used for mutual fund timing. They are Momentum, MACD, Moving Average Crossover, and Relative Strength Crossover. To develop an understanding of the use of timing indicators, we will examine a market timing strategy using the MACD Indicator.

To edit and display the MACD Indicator:

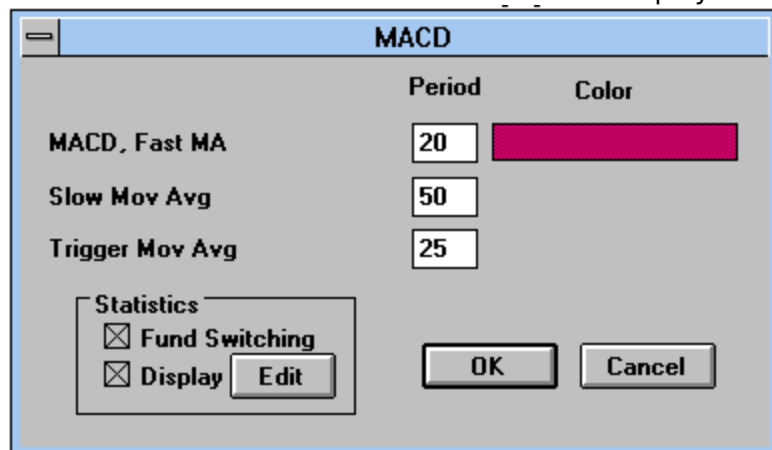
1. Click on the **Indicator** icon from the toolbar.



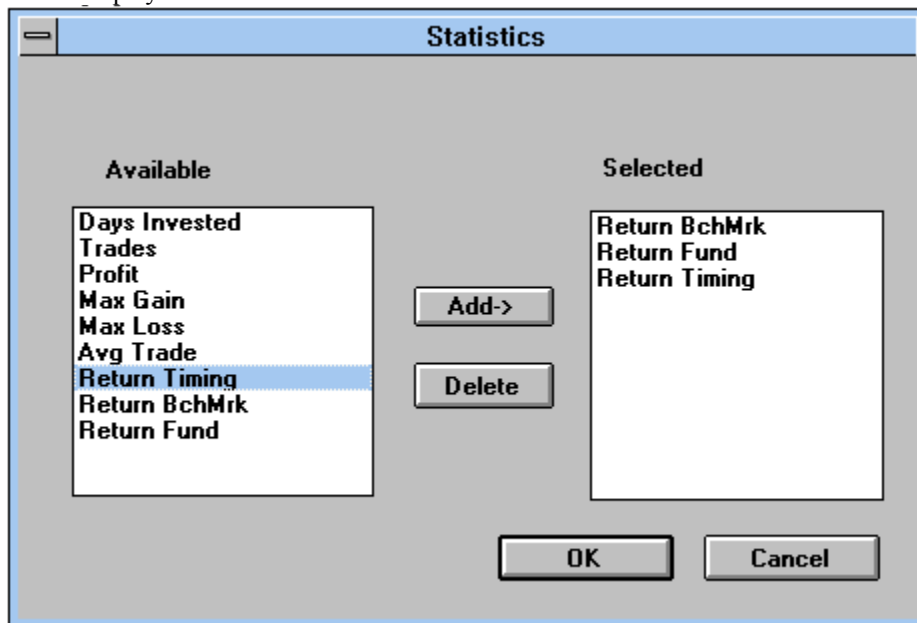
This will display a dialog box of available indicators.



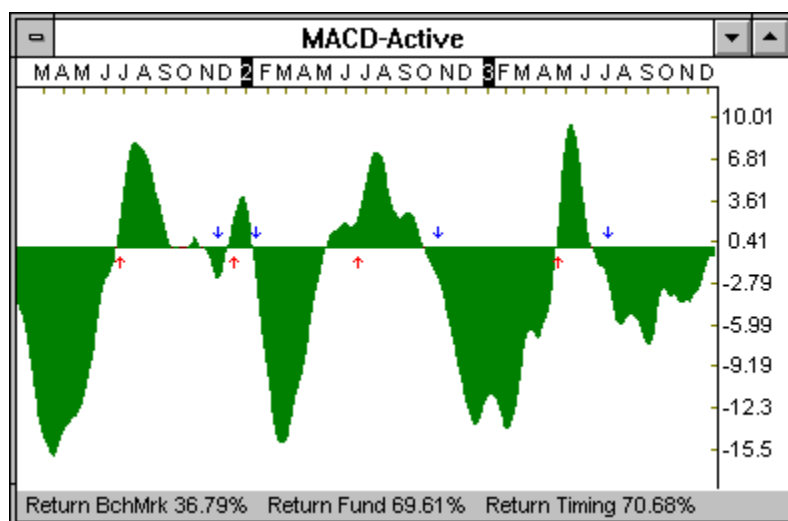
2. Highlight *MACD*.
3. Click on **Edit**.
A dialog box will be displayed where we will set the parameters of the *MACD* and choose the statistics to be displayed.



4. Enter "20" in the **Fast Mov Avg** text box.
This will allow us to capture the short term trend.
5. Enter "50" in the **Slow Mov Avg** text box.
This will allow us to capture the medium term trend.
6. Enter "25" in the **Trigger Mov Avg** text box.
This will determine the trigger time period for the MACD.
7. Check **Fund Switching**.
This will generate statistics that reflect switching between the Current Fund and the Benchmark instead of simply trading in and out of the Current Fund.
8. Check **Display**.
This will display the selected statistics when the MACD window is opened.
9. Choose **Edit**.
A Statistics dialog box will appear where we will select the statistics to be displayed.



10. Highlight *Return Benchmark* from the **Available Statistics** list.
11. Select **Add**.
This will add the statistic to the list of those selected to be displayed in the indicator window.
12. Repeat the last two commands to add the following statistics: *Return Fund and Return Timing*.
13. Select **OK** in the **Statistics** dialog box.
This will save the statistics chosen.
14. Select **OK** in the MACD dialog box.
This will save any changes made to the parameters of the MACD.
15. Select **OK** in the Indicator selection dialog box.
This will open the MACD window with the defined parameters.



Once the parameters have been set for an indicator, they become the new defaults for the indicator. Therefore, the next time you want to display the indicator, simply select it from the Indicators dialog box.

4.5 Drawing Functions

Monocle contains a wealth of drawing tools to aid in your charting analysis. To illustrate the use of the drawing functions, we will draw a trendline.

Note: All drawing functions are accessible as icons from the Draw Bar on the left-hand side of the program window or from the Draw menu. Drawing functions only operate on the active window.

A trendline is defined by 2 points. Rising trendlines are usually drawn between two significant lows to determine a price support level, while falling trendlines are drawn between two significant highs to determine a price resistance level. The theory behind trendlines is that a trend will continue until the trendline is violated (i.e., when the NAV crosses the trendline). When a breakout from the existing trendline occurs, a trend reversal may be imminent.

To draw a trendline:

1. Choose Trendline from the Draw Bar.



2. Click and release the mouse at a significant point in the active window where you would like to begin the line.
3. To end the line, click and release the mouse at another significant point. The completed trendline will be drawn at the position selected.

The other drawing functions such as Pitchforks and Fibonacci Arcs are drawn in a similar manner.

4.6 Fund Description

In addition to examining the price history of a fund and various indicators, Monocle allows you to review background information on the Current Fund. Monocle provides a description for every fund in the database to assist in your mutual fund investing.

Included in the fund description are:

1. Full Fund Name
2. Fund Family
3. Symbol
4. Address
5. Phone Number
6. Date Established
7. Maximum Sales Load
Load requirements displayed are the maximums. Many investment companies offer lower or waive loads for larger investments. Please consult the fund's prospectus for detailed information.
8. Objective/Policy
9. Minimum Initial/Subsequent Investment Requirements
The minimum investment requirements are based upon investments mailed directly to the fund company. IRA investments, money sent via wire, or other means may be subject to different requirements. Please consult the fund's prospectus for detailed information.
10. Distribution History
 - A. X Dividend Date
 - B. Amount of Distribution
 - C. NAV on Date of Distribution
 - D. Distribution Percentage

Please be aware that the information is updated periodically and may include some commentary as well. The information provided may change without warning. Therefore, Manhattan Analytics, Inc. recommends acquiring a current prospectus before investing in any fund.

To view a description of the Current Fund:

- * Choose the **Fund Info** icon from the Tool Bar.



A window will be created containing information on the Current Fund.

Fund Description			
Fidelity Contrafund			
Symbol: FCNTX			
Objective: Growth			
Address:			
82 Devonshire St. Boston MA 02109			
Phone: 800-544-8888			
Established: 5/17/67			
Min Initial/Subsequent Investment: 2500/250			
Load: 3.00%			
Investment Policy:			
Invests primarily in common stock and securities convertible into common stock.			
Distribution History:			
Date	Amount	NAV	Percent
12/20/91	\$1.170	\$23.430	4.994%
2/07/92	\$0.650	\$26.350	2.467%
12/18/92	\$1.470	\$27.200	5.404%
2/05/93	\$0.280	\$28.560	0.980%
12/17/93	\$2.150	\$30.250	7.107%
2/04/94	\$0.220	\$31.110	0.707%

4.7 Load Individual Fund

In addition to examining the performance of the Current Fund relative to the Benchmark. FindPro allows you to directly compare one fund against another. For example, perhaps you would like to compare the performance of the Fidelity Select Computer fund, FDCPX, versus the Current Fund.

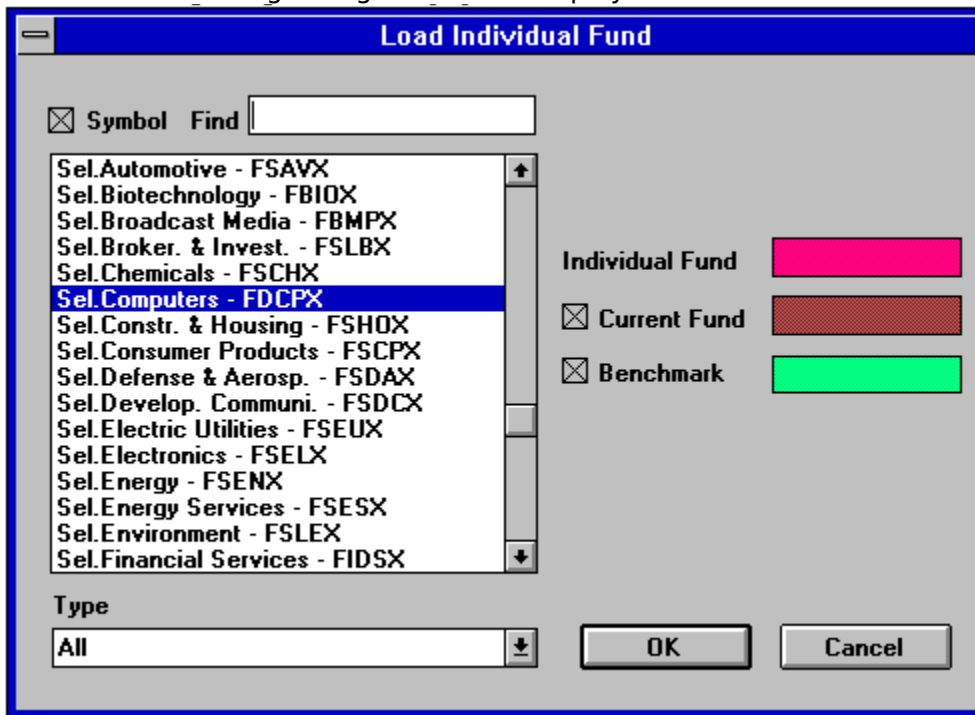
The **Load Individual Fund** command allows you to select any fund from the Monocle database and display it on the same chart with the Current Fund and the Benchmark. The NAV's of the funds are normalized to make it simple to compare the performance of the funds over a specified time period.

To view FDCPX versus the Current Fund:

1. Select **Load Individual Fund** from the Tool Bar or from the File menu.



The following dialog box will be displayed.

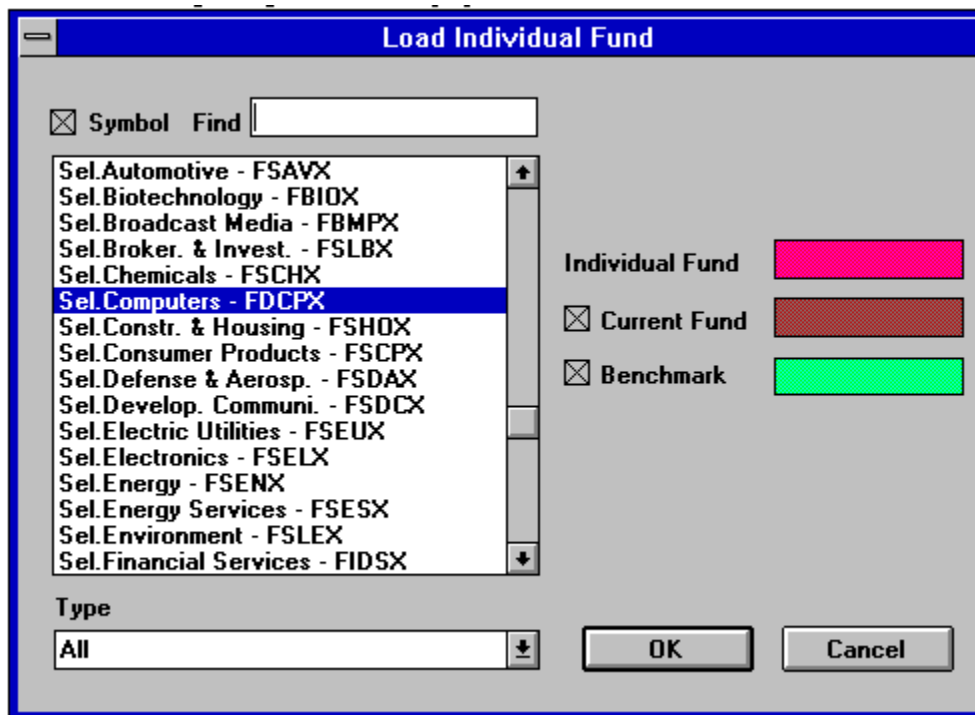


2. Select FDCPX from the list.
To ease your search, check the **Symbol** box and type in the first few letters of the fund symbol into the **Find** box above the list.
3. Check the **Current Fund** box.
This will select the Current Fund to be displayed in the window along with FDCPX.
4. Clear the **Benchmark** box.
This will prevent the benchmark from being displayed.
5. Select **OK**.

A new indicator window will be created displaying FDCPX against the Current Fund.

To easily identify the Current Fund line and the new fund line:

- * Select **Toggle Legend Window** from the Window menu.
A legend will be displayed in the upper left-corner of the indicator.



4.8 Statistic Groups

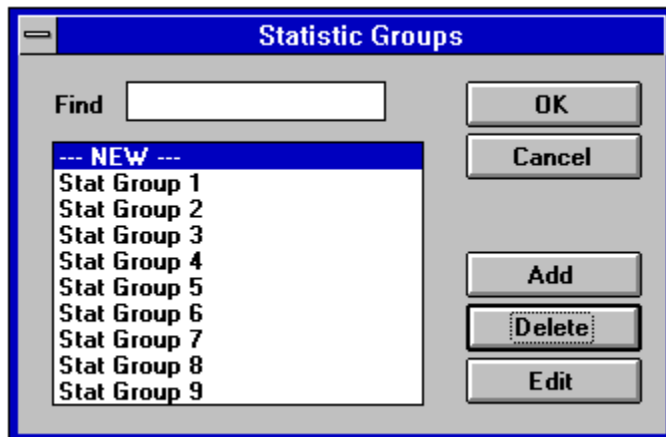
Monocle also gives you the ability to calculate statistics on all of the funds within the active fund group. Coupled with screening and ranking features, you can now easily determine the best performing funds based on your specific investment criteria using the numerous available statistics, including those used in Modern Portfolio Theory.

To calculate statistics for the funds in the group, a statistic group must be defined and selected.

A Statistic Group is comprised of the following:

- * **Name** - The name of the Statistic group.
- * **Set of statistics** - The statistics to be calculated
- * **Period** - The length of time over which the statistics will be calculated.

Monocle comes with several pre-defined statistic groups. Like fund groups, existing statistic groups can be edited, new groups added, and old groups deleted to suit your specific needs.



4.8.1 Creating Statistic Groups

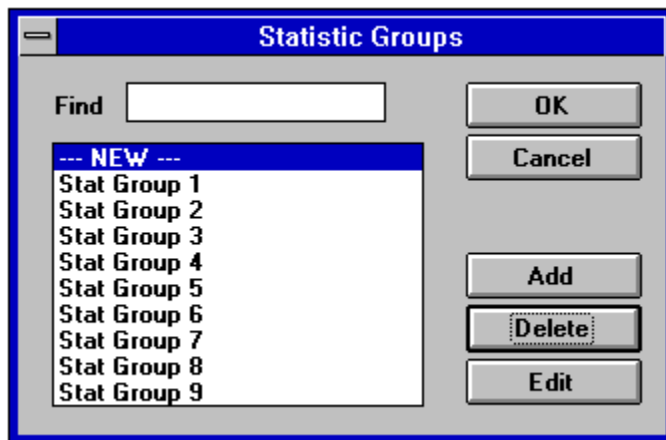
To illustrate the power of Monocle's statistics groups, we will create and display a new group.

To create a Statistic Group:

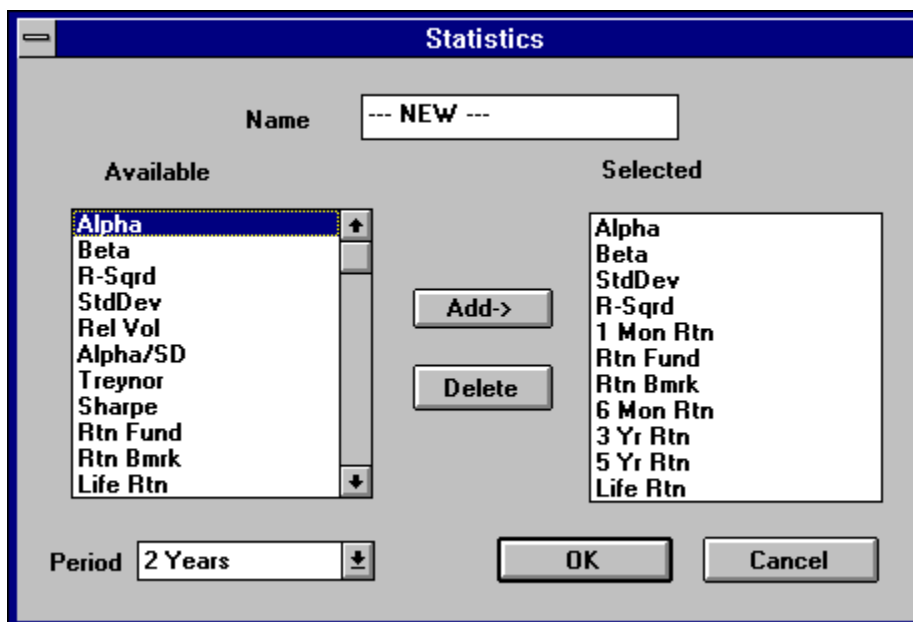
1. Select **Statistic Groups** from the Tool Bar or the Statistics menu.



This will open a Statistic Group dialog box.



2. Select **Add**.
This will add a new statistic group and display a dialog box where we will define the composition of the group.

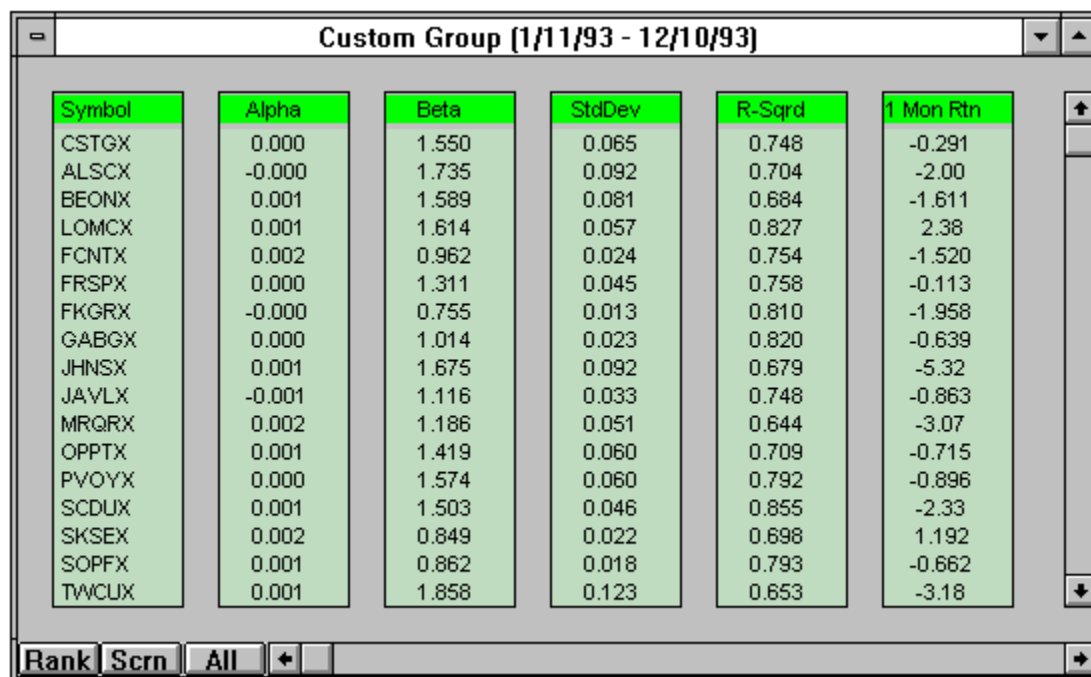


3. Enter "Custom Group" in the Name text box.
This will name the statistic group.
4. Highlight *Alpha* from the **Available Statistics** list.
5. Choose **Add**.
This will add Alpha to the **Selected** list of chosen statistics.
6. Repeat the last two commands to add the following statistics:
Beta, StdDev, R-Squared, and 1 Month Return.
7. Select *1 Year* from the **Period** list.
This will define 1 Year as the period over which the statistics like *Alpha* and *Beta* are calculated.
8. Select **OK**.
This will save the new statistic group.

4.8.2 Statistics Window

Once the statistic group has been defined, select it from the list of groups and choose **OK**. The statistics will be calculated for each fund in the fund group and displayed in a statistics window.

Within the statistics window, there is a column for each statistic calculated. Scroll bars are provided to navigate through the list.



Symbol	Alpha	Beta	StdDev	R-Sqrd	1 Mon Rtn
CSTGX	0.000	1.550	0.065	0.748	-0.291
ALSCX	-0.000	1.735	0.092	0.704	-2.00
BEONX	0.001	1.589	0.081	0.684	-1.611
LOMCX	0.001	1.614	0.057	0.827	2.38
FCNTX	0.002	0.962	0.024	0.754	-1.520
FRSPX	0.000	1.311	0.045	0.758	-0.113
FKGRX	-0.000	0.755	0.013	0.810	-1.958
GABGX	0.000	1.014	0.023	0.820	-0.639
JHNSX	0.001	1.675	0.092	0.679	-5.32
JAVLX	-0.001	1.116	0.033	0.748	-0.863
MRQRX	0.002	1.186	0.051	0.644	-3.07
OPPTX	0.001	1.419	0.060	0.709	-0.715
PVOYX	0.000	1.574	0.060	0.792	-0.896
SCDUX	0.001	1.503	0.046	0.855	-2.33
SKSEX	0.002	0.849	0.022	0.698	1.192
SOPFX	0.001	0.862	0.018	0.793	-0.662
TWCUX	0.001	1.858	0.123	0.653	-3.18

Once the statistics are calculated, the list can be ranked (**Rank**) or screened (**Scrn**) to your specifications. This is accomplished by selecting the appropriate command in the lower left-hand corner of the statistics window.

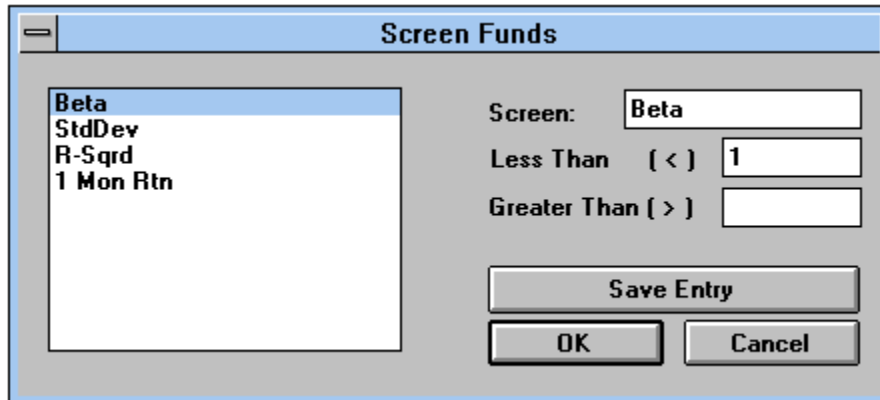
Note: The **All** button refreshes the window to display the complete list if any funds have been screened out with the **Scrn** command.

Statistics Window - Screening

To illustrate the use of the screening feature, we will assume that our investment strategy calls for investing in funds with a Beta of less than 1 and a 1 Month Return of greater than 2.5%. We will screen our list of Fidelity funds to display only those funds which meet this criteria.

To screen the fund group:

1. Select **Scrn** from the Statistics Window.
A dialog box will be displayed where we will specify our screening criteria.



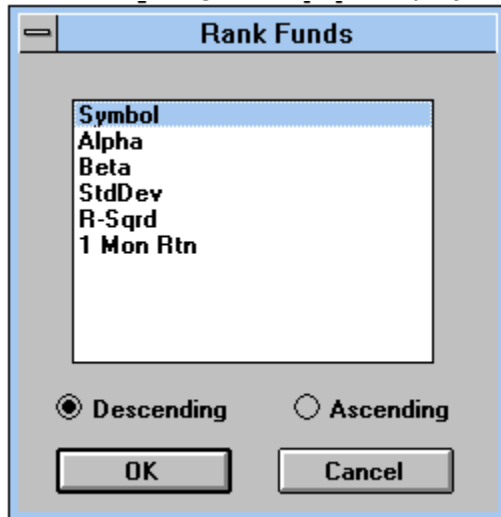
2. Highlight *Beta*.
3. Enter "1" in the **Less Than [<]** edit box.
4. Select **Save Entry**.
This is required to save each individual entry.
5. Highlight *1 Month Return*.
6. Enter "2.5" in the **Greater Than [>]** edit box.
7. Select **Save Entry**.
8. Choose **OK**.
The list will be screened to display with only those funds that meet our specifications.

Statistics Window -Ranking

Monocle makes it easy to rank the funds on any statistic within the group. For example, after screening on Beta and 1 Month Return, you may want to know which of the remaining funds have the greatest 1 Month Return. Determining this is easy with the **Rank** feature available from the statistics window. Any of the columns from the statistics window can be used to rank the fund list in either ascending or descending order.

To rank the fund list:

1. Select **Rank** from the statistics window.
A dialog box will be displayed where we will make our selection.



2. Highlight *1 Mnth Return*.
This will determine the statistic on which to rank the funds.
3. Select **Descending**.
This will determine the order of ranking (Greatest to Least).
4. Click on **OK**.
The list will now be ranked accordingly.

With the funds sorted according to 1 Month Return, we can now easily determine the top performers for the last month.

4.9 Windowing Commands

Monocle harnesses the full power of Windows by allowing you to display multiple windows simultaneously. As a result, all of the opened windows within the active fund group can be moved and sized to your specifications.

To illustrate this feature we will tile the open child windows.

To tile the child windows within the active fund group:

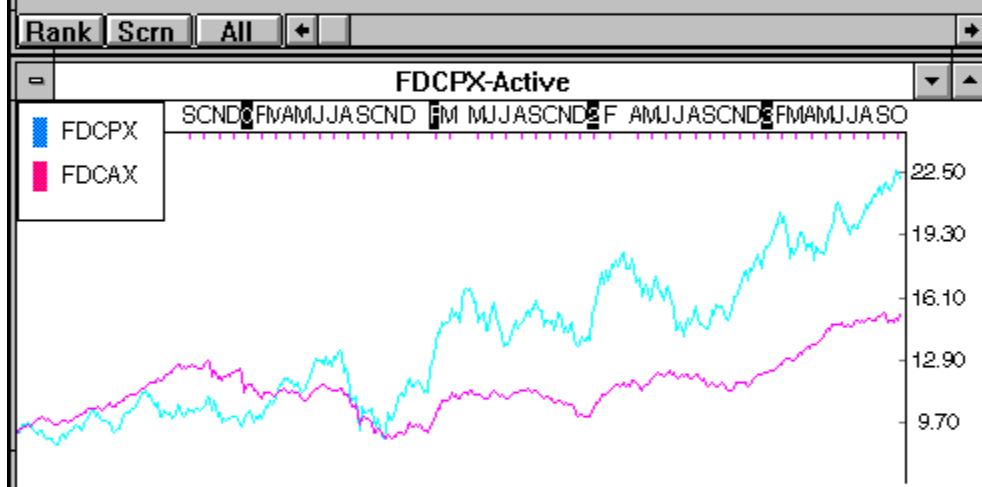
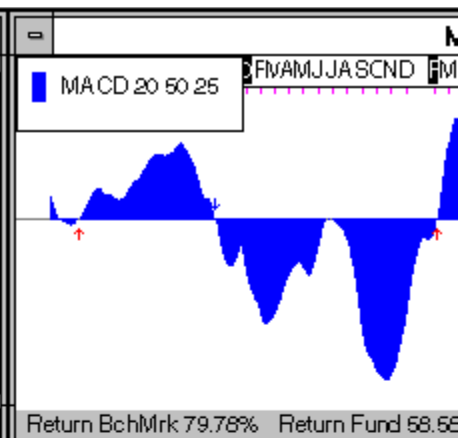
- * Select **Tile Child Windows** from the Tool Bar or Window menu.



The child windows will be redrawn to fill the available area of the active fund group. You can use the **Previous** and **Next** fund commands to scroll amongst the funds in the active fund group. All open child windows will be updated to display the Current Fund.

Custom Group (10/12/92 - 10/12/93)

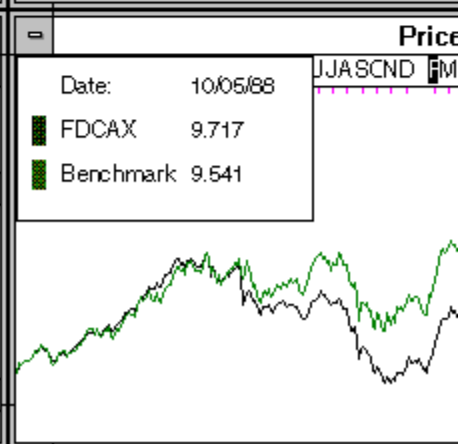
Symbol	Alpha	Beta	StdDev	R-Sqrd
FDPMX	16.285	-4.677	1.135	-0.688
FSAGX	11.971	-3.159	0.825	-0.545
FSESX	8.709	-2.903	0.699	-0.544
FEMKX	3.502	-0.338	0.017	-0.411
FSEAX	1.909	-0.700	0.026	-0.683
FSDAX	4.361	0.520	0.241	0.166
FLATX	1.592	-0.011	0.076	-0.006
FBGFX	1.959	0.678	0.084	0.367
FPBFX	8.534	-2.188	0.203	-0.760



Fund Description

Distribution History:

Date	Amount	NAV	Percent
12/06/91	\$ 2.750	\$11.770	23.364%
12/11/92	\$ 0.780	\$13.400	5.821%
2/05/93	\$ 0.040	\$14.190	0.282%
12/10/93	\$ 1.120	\$16.720	6.699%
2/04/94	\$ 0.390	\$17.240	2.262%



To save the open child windows as a template:

* Select **Save Template** from the File Menu.

The open child windows will be saved in their current positions. You can load the template when opening a fund group by selecting **Load Template** in Fund Groups dialog box.



Note: *There can be only one template saved at a time.*

4.10 Monocle Downloader - not included for use in demo

If you do not subscribe to Monocle's Modem Retrieval Service, skip this section.

In this selection, we will run through the process of updating your data with the Monocle Downloader.

The Monocle Downloader makes it easy to keep your database current. Whether you call every day, once a week, or once a month, the Monocle Downloader will update your database with data for all of the days you may have missed. Furthermore, all mutual fund data is automatically adjusted for distributions, thus eliminating a common problem related to other data sources.

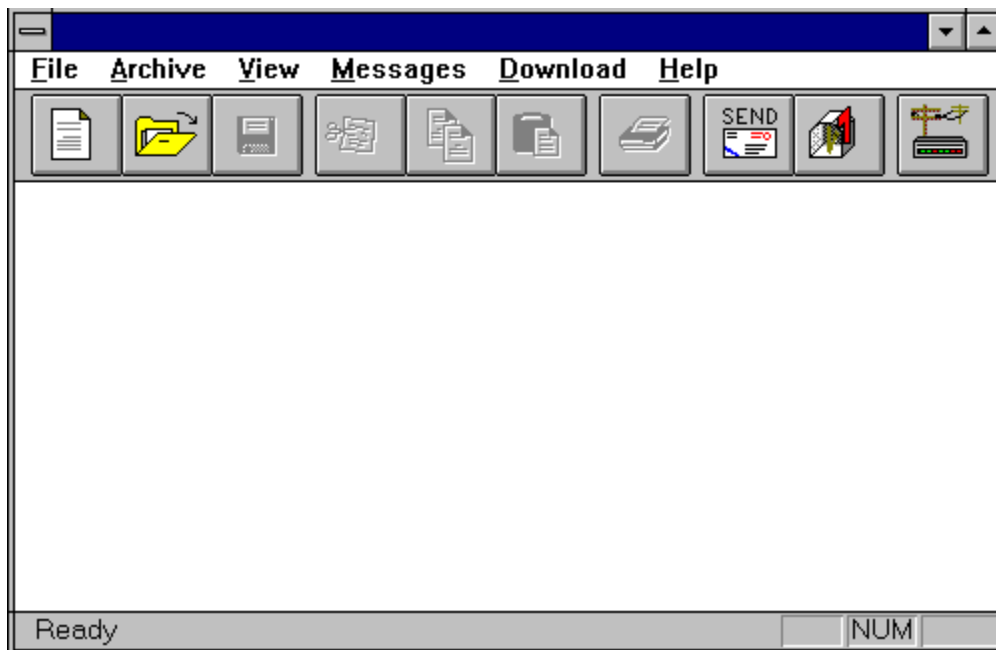
To start the Monocle Downloader:

- * Select **Monocle Downloader** from the Tool Bar.



This will call the Monocle Downloader.

The Monocle Downloader is a separate program used to download the latest data from the Manhattan Analytics, Inc. main database.



4.11 Latest Pricing

Note: *Once the mutual fund database has been updated, any open fund group windows must be closed and then re-opened before the newly downloaded data will be reflected in the analysis. This is necessary to load the new data into memory.*

After the Fidelity Investments group has been closed and re-opened to account for the new data, we may display the latest prices for the funds in the group.

To open a statistic window with the latest NAV's:

* Click on the **Latest Pricing** icon from the Tool Bar.



A statistics window will be created listing closing statistics for the funds in the active fund group.

Latest Pricing (12/23/93)				
Symbol	Close	Last	Change	% Change
FDCAx	16.740	16.720	0.020	0.120
FOCPX	23.630	23.500	0.130	0.553
FBGRX	23.870	23.620	0.250	1.058
FCNTX	30.400	32.390	-1.990	-6.144
FDEQX	17.890	17.870	0.020	0.112
FDGRX	28.610	31.390	-2.780	-8.856
FMAGX	70.070	69.360	0.710	1.024
FDFFX	17.840	19.590	-1.750	-8.933
FDSSX	18.500	18.410	0.090	0.489
FTRNX	57.820	62.660	-4.840	-7.724
FDVLX	39.770	39.520	0.250	0.633
FFIDX	19.060	18.930	0.130	0.687
FGRIX	22.060	21.890	0.170	0.777
FCVSX	16.360	16.380	-0.020	-0.122
FEQIX	33.700	33.290	0.410	1.232

Note: *Close* is the last price available from the database. *Last* is the previous price. *Change* is the difference between *Close* and *Last*, while % *Change* is the percent difference from *Last* to *Close*.

As with other statistic windows, the Latest Pricing window can be screened and ranked. Thus, it is easy to determine which funds are up for the day and which were the greatest percentage gainers.

4.12 Conclusion

The presentation of the main features of Monocle is now complete. After completing this section you should be able to navigate through Monocle. The remaining sections of the manual present expanded and in-depth analysis of each program feature. We encourage you to experiment with the program and consult the manual or the on-line Help to get the most out of Monocle. Best of luck in your mutual fund analysis!

Monocle funds as of 5-5-95

Reminder: Manhattan Analytics has the ability to add additional funds to the database. Please contact Manhattan Analytics at 1-800-251-FUND(3863) to request specific funds.

List of Funds (A thru I)

[List of Funds \(J thru Z\)](#)

30 Year TBond Intr Rate
AAL Capital Growth
AARP Capital Growth
Acorn Fund
Acorn International
AIM Agressive Growth
AIM Charter
AIM Constellation
AIM Growth
AIM International
AIM Utility
AIM Value
AIM Weingarten
Alger Small Capitalization
Alliance Fund
Alliance Growth
Alliance Quasar
Alliance Shrt Trm Multi Market
Alliance Technology
Alliance World Income Trust
American AMCAP
American Balanced
American Bond Fund of Amer.
American Cap Emrg Grwth A
American Cap Global Eq A
American Cap Growth & Inc
American Cap Harbor A
American Capital Govt. Sec.
American Capital World Bond
American EuroPacific Growth
American Fundmntal Invstrs
American Grwth Fnd of Amer.
American Heritage Fund
American High Inc. Trust
American Inc. Fund of Amer.
American Invest Co.of Amer.
American Mutual
American New Economy
American New Perspective
American SmallCap World
American U.S. Govt Sec.
American Wash Mut Inv
AMEX JAPAN INDEX

AMEX MAJOR MKT INDEX
AMEX OIL & GAS INDEX
AMEX S & P MIDCAP INDEX
Analytic Optioned Equity
ASM Fund
Babson Bond Trust Port. L
Babson Enterprise
Babson Enterprise II
Babson Growth
Babson Shadow Stock
Babson Stewart Ivry Intrntl
Babson Value
Baron Asset Fund
Bartlett Cap. Basic Value
Bartlett Cap. Value Inter
Benham Adj. Rate Govt Sec.
Benham CA Muni. Hi Yld
Benham CA Tax Free Ins
Benham CA Tax Free Int Trm
Benham CA Tax Free L Trm
Benham CA Tax Free Shrt Trm
Benham Cap. Utilities Inc.
Benham Capital Preservation
Benham Equity Growth Fund
Benham European Govt Bond
Benham GNMA Income
Benham Gold Equities Index
Benham Income and Growth
Benham L/T Treasury
Benham National T/F Int. Trm
Benham Natl T/F Long Term
Benham Treasury Note
Benham Trgt Maturities 1995
Benham Trgt Maturities 2000
Benham Trgt Maturities 2005
Benham Trgt Maturities 2010
Benham Trgt Maturities 2015
Benham Trgt Maturities 2020
Berger 100
Berger 101
Berger Small Company
Bernstein Intermediate Dur
Berwyn Income
BIOTECHNOLOGY INDEX
Blanchard Flexible Income
Blanchard Global Growth
Blanchard Shrt Trm Gbl Inc.
Brandywine
Brinson Global Fund
Bull & Bear Gold Investors
Bull & Bear Municipal Inc.
Bull & Bear Spec. Eqties
Bull & Bear U.S. & Overseas
Bull & Bear U.S. Government
Calamos Convertible
California Tax Free Inc.

California U.S. Govt Sec.
Calvrt Soc.Invst.Mngd Grwth
CappielloRushmore Emrg Grwth
CappielloRushmore Grwth
CappielloRushmore Util Inc
Century Shares Trust
CGM Capital Development
Clipper Fund
Cohen & Steers Realty Shars.
Colonial Utilities
Columbia Common Stock
Columbia Fixed Inc. Sec.
Columbia Growth
Columbia Intl Stock
Columbia Municipal Bond
Columbia Special
Cornerstone Growth
CrabbeHuson Equity
CrabbeHuson Special Eq
Delaware Trend
DFA Continental Small Co
DFA Japanese Small Co
DFA Pacific Rim Small Co
DFA UK Small Co
Dodge & Cox Balanced
Dodge & Cox Income
Dodge & Cox Stock
Dow Jones INDUSTRIALS 30
Dow Jones STOCK COMPOSITE 65
Dow Jones TRANSPORTATION 20
Dow Jones UTILITY 15
Dreman Contrarian Portfolio
Dreman High Return Portfolio
Dreyfus A. Bonds Plus
Dreyfus Appreciation
Dreyfus Balanced
Dreyfus CA Int. Municipal Bond
Dreyfus CA Tax Exempt Bond
Dreyfus Capital Value
Dreyfus FL Int. Muni Bond
Dreyfus Fund
Dreyfus General CA Muni Bnd
Dreyfus General Muni Bond
Dreyfus General NY Muni Bnd
Dreyfus GNMA
Dreyfus Growth and Income
Dreyfus Growth Opportunity
Dreyfus Insured Muni Bond
Dreyfus Inter. Muni Bond
Dreyfus International Eqty
Dreyfus MA Int. Municipal
Dreyfus MA Tax Exempt Bond
Dreyfus Municipal Bond
Dreyfus New Leaders
Dreyfus NJ Inter. Muni
Dreyfus NJ Municipal Bond

Dreyfus NY Insured T/E Bond
Dreyfus NY T/E Int. Bond
Dreyfus NY Tax Exempt Bond
Dreyfus People's Index
Dreyfus Premier CT T/E Bond
Dreyfus Short Term Income
Dreyfus Shrt Inter. Govt
Dreyfus Shrt Inter. T/E Bnd
Dreyfus Spec Grwth Inv
Dreyfus Third Century
Dreyfus Wilshire Sm Co Value
Eaton Vance Greater China
Eclipse Equity Fund
Evergreen Amer. Retirement
Evergreen Foundation Fund
Evergreen Fund
Evergreen Insured Nat. T/F
Evergreen Limited Market
Evergreen Real Estate Eqty
Evergreen Shrt/Int Muni Bnd
Evergreen Shrt/Int Muni. CA
Evergreen Total Return
Evergreen Value Timing
Federated ARMs Instit. Shrs
Federated Bond Fund
Federated GNMA Instit. Shrs.
Federated Growth Trust
Federated High Yield Trust
Federated Inc. Trust Instit.
Federated Int.Gvt Inst.Shrs
Federated Inter Muni Trust
Federated Intrntnl Equity
Federated Max Cap
Federated Mini Cap Fund
Federated S/I Gvt Inst.Shrs
Federated Shrt Int.MuniTrst
Federated Shrt Trm Inc.Inst
Federated Stock & Bond
Federated Stock Trust
Fidelity Advisor Eq Prt Inc
Fidelity Advisor Eqty Prt Grth
Fidelity Advisor Global Res
Fidelity Advisor Gov Inv
Fidelity Advisor Growth Opp
Fidelity Advisor Hi Inc Muni
Fidelity Advisor High Yield
Fidelity Advisor Inc & Growth
Fidelity Advisor Ltd Tax Ex
Fidelity Advisor Ltd Time Bnd
Fidelity Advisor Overseas
Fidelity Advisor Sht Fixed Inc
Fidelity Advisor Strat Opp
Fidelity Aggressive T/F
Fidelity Asset Manager
Fidelity Asset Manager Grwth
Fidelity Asset Manager Inc.

Fidelity Balanced
Fidelity Blue Chip Growth
Fidelity CA T/F Insrd Port.
Fidelity CA Tax Free Hi Yld
Fidelity Canada
Fidelity Capital and Income
Fidelity Capital Apprec
Fidelity Contrafund
Fidelity Convertible Sec
Fidelity Destiny I
Fidelity Destiny II
Fidelity Disciplined Equity
Fidelity Dvrsfd Intrntl
Fidelity Emerging Growth
Fidelity Emerging Markets
Fidelity Equity Income
Fidelity Equity Income II
Fidelity Euro Cap Apr
Fidelity Europe
Fidelity Fifty
Fidelity Fund
Fidelity Ginnie Mae
Fidelity Global Balanced
Fidelity Global Bond
Fidelity Government Sec.
Fidelity Growth & Income
Fidelity Growth Company
Fidelity High Yield T/F
Fidelity Intermediate Bond
Fidelity Intl. Grwth & Inc.
Fidelity Investment Grd Bnd
Fidelity Japan
Fidelity Latin America
Fidelity Limited Trm Muni
Fidelity Low Priced Stock
Fidelity MA Tax free Hi Yld
Fidelity Magellan
Fidelity Market Index
Fidelity MI Tax Free Hi Yld
Fidelity MN T/Free Port
Fidelity Mortgage Sec.
Fidelity Municipal Bond
Fidelity New Millenium
Fidelity New Mrkts Income
Fidelity NY T/F Insured
Fidelity NY Tax Free Hi Yld
Fidelity OH Tax Free Hi Yld
Fidelity OTC
Fidelity Overseas
Fidelity Pacific Basin
Fidelity Puritan
Fidelity Retirement Growth
Fidelity RI. Estate Invstmnt
Fidelity Select Air Trans
Fidelity Select Amer. Gold
Fidelity Select Automotive

Fidelity Select Biotech
Fidelity Select Multi_Media
Fidelity Select Brkr_Invst.
Fidelity Select Chemicals
Fidelity Select Cnsmr Prod.
Fidelity Select Cnstrct/Housng
Fidelity Select Computers
Fidelity Select Dfns & Aero.
Fidelity Select Dvlp. Comm.
Fidelity Select Electronics
Fidelity Select Energy
Fidelity Select Enrgy Serv.
Fidelity Select Envirn Svcs.
Fidelity Select Finan. Serv.
Fidelity Select Food & Agri.
Fidelity Select Health Care
Fidelity Select Home Finance
Fidelity Select Indst Equip.
Fidelity Select Indst. Mats
Fidelity Select Insurance
Fidelity Select Leisure
Fidelity Select Med Delivry
Fidelity Select Natural Gas
Fidelity Select Paper_Forest P
Fidelity Select Prec. Mtls/Min
Fidelity Select Region Bnks
Fidelity Select Retailing
Fidelity Select Softwr_Comp
Fidelity Select Technology
Fidelity Select Telecomm.
Fidelity Select Trans
Fidelity Select Utilities
Fidelity Short Term Bond
Fidelity Shrt Trm World Inc
Fidelity Small Cap
Fidelity Southeast Asia
Fidelity Spartan GNMA
Fidelity Spartan Govt Inc.
Fidelity Spartan High Inc.
Fidelity Spartan Long Term
Fidelity Spartan Muni Inc.
Fidelity Spartan S/I Muni
Fidelity Spartan S/T Bond
Fidelity Sprtn FL Muni Inc.
Fidelity Sprtn Ltd.Mat.Gvt
Fidelity Sprtn Shrt Int Gvt
Fidelity SprtnCA Muni Hi Yld
Fidelity SprtnCT Muni Hi Yld
Fidelity SprtnInvst.Grad.Bnd
Fidelity SprtnNJ Muni Hi Yld
Fidelity SprtnNY Muni HiYld
Fidelity SprtnPA Muni Hi Yld
Fidelity Stock Selector
Fidelity T/F Insured
Fidelity Trend
Fidelity U.S. Equity Index

Fidelity U.S. Govt Reserves
Fidelity Utilities Inc.
Fidelity Value
Fidelity Worldwide
Flag Telephone Income
Flex-Funds Growth
Fortis Advantage Asset Alloc
Fortis Capital
Fortis Growth
Founders Blue Chip
Founders Discovery
Founders Equity Income
Founders Frontier
Founders Govt Sec.
Founders Growth
Founders Passport
Founders Special
Founders Worldwide Growth
Franklin Adj U.S. Govt
Franklin Adj. Rate Sec.
Franklin AGE High Income
Franklin CA Insured T/F Inc.
Franklin CA Tax Free Inc.
Franklin Convertible Sec.
Franklin DynaTech
Franklin Equity
Franklin Equity Income
Franklin Federal T/F Inc.
Franklin FL Tax Free Income
Franklin Global Govt Income
Franklin Global Utility
Franklin Gold
Franklin Growth
Franklin Hi Yld T/F Inc.
Franklin Income
Franklin Insured T/F Inc.
Franklin Invstmnt Grd Inc.
Franklin MA Insured T/F Inc.
Franklin MD T/F Income
Franklin MI Insured T/F Inc.
Franklin MN Insured T/F Inc.
Franklin NJ Tax Free Inc.
Franklin NY Tax Free Inc.
Franklin PA Tax Free Inc.
Franklin Premier Return
Franklin Rising Dividends
Franklin S/I U.S. Govt.
Franklin U.S. Govt Sec.
Franklin Utilities
Franklin VA Tax Free Inc.
Fremont CA Intermediate T/F
Fremont Global
FundTrust Aggress Grwth
FundTrust Growth & Inc.
FundTrust Growth
FundTrust Income

G.T. America Growth
G.T. Europe Growth
G.T. Gbl.Strat.Inc.Cls A
G.T. Global Emerging Mrkts
G.T. Global Gov. Inc.
G.T. Global Growth & Inc.
G.T. Global Health Care
G.T. Global High Income
G.T. Global Worldwide Growth
G.T. Infra Structure
G.T. International Growth
G.T. Japan Growth
G.T. Latin America Growth
G.T. New Pacific Growth
G.T. Telecommunications
Gabelli ABC
Gabelli Asset
Gabelli Equity Income
Gabelli Global Telcom
Gabelli Growth
Gabelli Small Cap Growth
GAM International
GAM Pacific Basin
Gateway Growth
Gateway Index Plus
George Putnam Fund of Bstn
Gintel ERISA
Gintel Fund
GIT Equity Special Growth
Global Bond
Govett Emerging Markets
Govett Pacific Strategy
Govett Smaller Co
GradisonMcDonald Estab Val.
GradisonMcDonald Opp. Val.
Guardian Park Ave
Hancock Svrgn Invstmnts
Harbor Bond
Harbor Cap. Apprec.
Harbor Growth
Harbor International
Harbor Value
Heartland Value
Hntngtn Intl. Crncy Hi Inc.
Hntngtn Intl.Crncy Port.Glbl
Hntngtn Intl.Crncy Port.Hard
IAI Balanced
IAI Bond
IAI Emerging Growth
IAI Government
IAI Growth and Income
IAI International
IAI Mid Cap Growth
IAI Regional
IAI Reserve Fund
IAI Value

IDS Bond
IDS Discovery
IDS Extra Income
IDS Federal Income
IDS Growth
IDS Mutual
IDS New Dimensions
IDS Selective
IDS Stock
IDS Strategic Aggressive Eq
IDS Utilities Income
INVESCO Bond Hi Yld
INVESCO Bond U.S. Govt
INVESCO Dynamics
INVESCO Emerging Growth
INVESCO European Fund
INVESCO Growth
INVESCO Industrial Income
INVESCO Money Mrkt T/F Money
INVESCO Pacific Basin
INVESCO Select Income
INVESCO Series Trst Equity
INVESCO Strat Energy
INVESCO Strat Finan Svcs.
INVESCO Strat Hlth Sci
INVESCO Strat Tech^{SEL}
INVESCO Strat Utilities
INVESCO Strat. Environ. Serv.
INVESCO Strategic Gold
INVESCO Strategic Leisure
INVESCO T/F Inc. Shares
INVESCO Total Return
INVESCO Trst Int. Govt Bond
INVESCO Trst Intrmtnl Grwth
Ivy Growth & Income
Ivy Growth
Ivy International

List of Funds (A thru I)

[List of Funds \(J thru Z\)](#)

**New funds are continuously being added to our database!
If your fund isn't listed give us a call!**

1 - 800 - 251 - FUND(3863)

Monocle funds as of 5-5-95

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List of Funds (A thru I)

List of Funds (J thru Z)

Janus Balanced
Janus Enterprise
Janus Federal Tax Exempt
Janus Flexible Income
Janus Fund
Janus Growth & Income
Janus Inter. Govt Sec.
Janus Mercury
Janus Short Term Bond
Janus Twenty
Janus Venture
Janus Worldwide Fund
Kaufmann Fund
Keystone Amer Global Opp
Keystone Amer Omega
Legg Mason Special Inv
Lexington Convert. Sec.
Lexington Corp. Leaders
Lexington Global
Lexington GNMA Inc.
Lexington Gold
Lexington Growth & Inc.
Lexington S/I Govt Sec
Lexington Strategic Silver
Lexington Strat. Invstmnts
Lexington Tax Exempt Bond
Liberty American Leaders
Liberty Equity Income
Liberty Utility
Lindner Dividend
Lindner Fund
Lindner Utility
LMH Fund
LNDN FINANCIAL TIMES INDX
Longleaf Ptns Sh Ben Int
Longleaf Ptns Small Cap
Loomis Sayles Bond
Loomis Sayles Growth
Loomis Sayles Intrntnl Eqty
Loomis Sayles Small Cap.
Lord Abbett Affil.
Lord Abbett U.S. Govt
Lxingtwn Wrldwd.Emrgng Mrkts

Main Street Income & Growth
MAS Pooled Trst Eqty
MAS Pooled Trst Intl Eqty
MAS Pooled Trst Ltd Durtn
MAS Pooled Trust Fixed Inc.
MAS Pooled Trust Small Cap.
MAS Pooled Trust Value Port.
Mathers
Maxus Equity
Merger
Meridian
Merrill Lynch Capital
Merrill Lynch Dragon
Merrill Lynch Dvlp Capital
Merrill Lynch Eurofund
Merrill Lynch Global Alloc
Merrill Lynch Global Conv
Merrill Lynch Global Utility
Merrill Lynch Growth
Merrill Lynch Healthcare
Merrill Lynch Latin America
Merrill Lynch Pacific
Merrill Lynch Pheonix
Merrill Lynch Special Value
Merrill Lynch Technology
Merrill Lynch Tomorrow
Merrill Lynch World Income
Merriman Asset Alloc.
Merriman Blue Chip
Merriman Cap. Apprec.
Merriman Flexible Bond
MFS Research
MFS World Total Return
MIM Stock Apprec.
Monetta Fund Inc
Montgomery Emrgng Mrkts
Montgomery Global Comm.
Montgomery Global Equity
Montgomery Growth
Montgomery Intl Small Cap
Montgomery Shrt Durtn Govt
Montgomery Small Cap Fund
Morgan Stanley Asian Eqty
Morgan Stanley Emerging Mrkt
Mutual Beacon
Mutual Discovery
Mutual Qualified
Mutual Shares Fund
NASDAQ BANKING STOCKS
NASDAQ COMPOSITE INDEX
NASDAQ INDUSTRIALS
NASDAQ INSURANCE STKS
NASDAQ NASDAQ 100 INDX
NASDAQ TRANSPORTATIONS
Neuberger_Berman Genesis
Neuberger_Berman Guardian

Neuberger_Berman Ltd. Mat Bond
Neuberger_Berman Manhattan
Neuberger_Berman Muni Sec Trst
Neuberger_Berman Partners
Neuberger_Berman Selected Sect
Neuberger_Berman Ultra Shrt Bo
New USA Fund
New York Life Inst Value Eqty
New York Venture
Newport Tiger
Nicholas Fund
Nicholas II Fund
Nikkei (Temporary)
Northeast Investors Growth
Northeast Investors Trust
NYSAE UTILITY INDEX
NYSE Advancing
NYSE COMPOSITE
NYSE Declining
NYSE FINANCE
NYSE INDUSTRIALS
NYSE TRANSPORT
Oakhall Equity
Oakmark
Oakmark International
Oberweis Emerging Growth
Oppenheimer Discovery
Oppenheimer Equity Inc.
Oppenheimer Fund
Oppenheimer Global G&I
Oppenheimer Hi Yld
Oppenheimer Strat Inc.
Oppenheimer Time
Oppenheimer Total Rtrn
Pacific Hor U.S. Govt Sec.
Pacific Hor. Aggress Grwth
Pacific Horizon CA T/E Bond
Papp L. Roy Stock
Parnassus Income Bal
Pasadena Growth
Pax World
PBHG Emerging Growth
PBHG Growth
Pennsylvania Mutual
Peoples S&P MidCap Index
Permanent Port. T Bill
Permanent Portfolio
Permanent Vrsatile Bnd Port.
Perritt Capital Growth
Phily SE Gold/Silver 
Phoenix Balanced
Phoenix Growth Fund
PIMCO Foreign
PIMCO Growth Stock
PIMCO High Yield
PIMCO Lng Trm U.S. Govt

PIMCO Low Duration
PIMCO Short Term Fund
PIMCO Total Return
PIMCO Total Return III
Pioneer Bond
Pioneer Capital Growth
Pioneer Equity Income
Pioneer Europe Fund
Pioneer Fund
Pioneer Gold Shares
Pioneer II
Pioneer Municipal Bond
Pioneer Three
PRA Real Estate Sec.
Primary Trend
Putnam Asia Pacific
Putnam CA Tax Exempt Inc
Putnam Conv Income/Grwth
Putnam Diversified Income
Putnam Europe Growth
Putnam Global Gov Inc
Putnam Global Growth
Putnam Growth & Income
Putnam Health Sciences
Putnam Hi Yield Adv
Putnam Investors A
Putnam Municipal Inc
Putnam Natural Resources
Putnam New Opportunities
Putnam OTC Emerging Growth
Putnam Overseas
Putnam US Gov Income
Putnam Utilities G&I
Putnam Vista
Putnam Voyager
Regis Small Company
Reich & Tang Equity
Reynolds Blue Chip Growth
Robertson Stevens Contrarian
Robertson Stpns Emrg Grwth
Robertson Stpns Value Plus
Roulston Growth & Income
Royce Fund Eqty Inc. Series
Royce OTC
Royce Premier
Rushmore American Gas Index
Rushmore U.S. Govt. LTrm^{DEL}
Rushmore U.S. Gvt. Int Trm
Rushmore Virginia T/F Port
Rydex Govt Bond
Rydex Govt Money Mkt
RYDEX Nova
Rydex OTC
Rydex Precious Metals
Rydex URSA
S & P BANK COMPOSITE

S & P CHEMICALS
S & P HEALTH CARE COMP
S&P RETAIL SECTOR
S&P TRANS SECTOR
S&P TRANSPORTATION 20
S&P 100 INDEX
S&P 500
S&P INDUSTRIALS 400
S&P INSURANCE INDEX
S&P UTILITIES 40
SAFECO California T/F Inc.
SAFECO Equity
SAFECO Growth
SAFECO High Yield Bond
SAFECO Income
SAFECO Municipal Bond
SAFECO Northwest Fund
SAFECO U.S. Govt Sec
Salomon Brothers Invstrs
Salomon Brothers Opp.
SBSF Convertible Secs
SBSF Fund
Schafer Value
Schwab 1000 Fund
Schwab CA Shrt Int T/F Bnd
Schwab CA T/F Bond
Schwab Intl Index
Schwab Money Market
Schwab National T/F Bnd
Schwab Short Inter T/F Bnd
Schwab Small Cap Index
Schwab U.S. Govt Bond (S/I)
Scudder California Tax Free
Scudder Capital Growth
Scudder Development
Scudder Global
Scudder Global Small Co
Scudder GNMA
Scudder Gold
Scudder Growth & Inc.
Scudder Income
Scudder International
Scudder International Bond
Scudder Japan
Scudder Latin America
Scudder Managed Muni Bonds
Scudder Med Trm T/F
Scudder New York Tax Free
Scudder Pacific Opportunity
Scudder Quality Growth
Scudder Short Term Bond
Scudder Shrt Trm Global Inc.
Scudder U.S. Treasury
Scudder Zero Coupon 2000
SEI Bond Index Port
SEI Capital Apprec.

SEI Instit. Mngd Bond Cls A
SEI Instit.Ltd.Vtility Bnd
SEI International
SEI Mngd Trst Eqty Inc.
SEI Mngd Trst Val. Port.
SEI S&P 500 Index
SEI T/E Trst Int. Trm Muni
Selected American Shares
Selected Special Shares
Seligman Capital
Seligman Common Stock
Seligman Communication
Seligman Frontier
Seligman Growth
Seligman Income
Sentinel Common Stock
Sequoia Fund
Short Term Interest Rate
Sit New Beginning T/F Inc.
Sit New Bgning Inc.&Grwth
Sit Nw Bgning Growth
Sit Nw Bgning U.S.Gvt Sec.
Skyline Special Eqty II
Skyline Special Equities
SoGen Gold
SoGen International Fund
SoGen Overseas
Sound Shore
State Street Capital Apprec
State Street Equity Inv
State Street Investment
SteinRoe Capital Opp.
SteinRoe Government Income
SteinRoe High Yield Muni.
SteinRoe Income Fund
SteinRoe Intermediate Bond
SteinRoe Intermediate Muni.
SteinRoe Managed Muni.
SteinRoe Prime Equities
SteinRoe Special Fund
SteinRoe Stock Fund
SteinRoe Total Return
Stratton Growth
Stratton Monthly Dvdnds
Stratton Small Cap Yield
Strong Advantage
Strong American Utilities
Strong Asia Pacific
Strong Common Stock
Strong Discovery
Strong Government Secs
Strong Growth
Strong Income
Strong Insured Muni Bond
Strong International Stock
Strong Municipal Bond

Strong Opportunity
Strong S/T Muni Bond
Strong Short Term Bond
Strong Total Return
T. Row Prc Adj.Rate U.S.Govt
T. Rowe Price Cap. Apprec.
T. Rowe Price Eqty Inc.
T. Rowe Price Euro Stck
T. Rowe Price Glbl Gvt Bnd
T. Rowe Price GNMA
T. Rowe Price Growth Stock
T. Rowe Price Grwth & Inc.
T. Rowe Price High Yield
T. Rowe Price Intl Discovery
T. Rowe Price Intrntnl Bond
T. Rowe Price Intrntnl Stck
T. Rowe Price Japan
T. Rowe Price MD T/F Bond
T. Rowe Price New Asia
T. Rowe Price New Era
T. Rowe Price New Horizons
T. Rowe Price New Income
T. Rowe Price Nw Amer.Grwth
T. Rowe Price OTC Securities
T. Rowe Price Sci & Tech.
T. Rowe Price Shrt Trm Bond
T. Rowe Price Small Cap Val.
T. Rowe Price Spectrum Grwth
T. Rowe Price Spectrum Inc.
T. Rowe Price T/F Shrt Int
T. Rowe Price Tax Free Inc.
T. Rowe Tax Free High Yield
Templeton Develop.Mrkts Trst
Templeton Foreign
Templeton Global Opportunity
Templeton Growth
Templeton Income
Templeton Real Estate Sec
Templeton Smaller Cos. Grwth
Templeton World
Third Ave Value
Tweedy Browne Global Value
Twentieth Cent.Blncd Invstrs
Twentieth Cent.Grwth Invstrs
Twentieth Cent.Heritg Invstr
Twentieth Cent.Slct Invstrs
Twentieth Cent.Ultr Invstrs
Twentieth Cent.Vist Invstrs
Twentieth Century Intl Equity
Twentieth Century L/T Bond
Twentieth Century US Govt
Twentieth Century Value
United Serv. All Amer. Eqty
United Serv. Glbl Resources
United Services Gold Shares
United Services Income

United Services Real Estate
United Services Tax Free
United Services World Gold
USAA Investment Balanced
USAA Investment Cornerstone
USAA Mutual Income
USAA Mutual Income Stock
Value Lin Lvgd Grwth Invstrs
Value Line
Value Line Aggress.Inc.Trust
VALUE LINE ARTHMTIC WGHT
Value Line Convertible
Value Line Geometric Index
Value Line Income
Value Line Special Situatns
Value Line T/F Hi Yld
Value Line U.S. Govt Sec.
VAN ECK Asia Dynasty
Vanguard S/T U.S. Treasury
Vanguard Short Term Corp
Vanguard 500 Fund
Vanguard Asset Allocation
Vanguard Bond Index
Vanguard CA Insured L Trm
Vanguard CA T/F Mny Mrkt
Vanguard Convertible Sec.
Vanguard Equity Income
Vanguard Explorer
Vanguard Fixed Inc GNMA
Vanguard Fixed Inc. S/T Fed
Vanguard Fxd In.Invst.Grđ Corp
Vanguard Fxd Inc Intr US Tr
Vanguard Fxd Inc. Hi Yld Corp.
Vanguard Fxd Inc.L T U.S.Treas
Vanguard Growth Index
Vanguard Intrntnl Eqty Euro
Vanguard Intrntnl Eqty Pac.
Vanguard Money Market
Vanguard Money Market Prime
Vanguard Money Market Trsry
Vanguard Muni Bnd Lmtd Port
Vanguard Muni Hi Yld
Vanguard Muni Insured L Trm
Vanguard Muni Inter. Trm
Vanguard Municipal L Term
Vanguard Municipal Shrt Term
Vanguard NJ Insrđ L Trm Muni
Vanguard NY insured L Trm
Vanguard PA T/F fund
Vanguard Preferred Stock
Vanguard PRIMECAP
Vanguard Spec. Hlth Care
Vanguard Spec.Gld/Prec.Mtls
Vanguard Spec.Util.Inc.Port.
Vanguard Specialized Energy
Vanguard Star Fund

Vanguard Trst.Cmgld Intrntnl
Vanguard Trustee's Cmngld U.S.
Vanguard Value Index
Vanguard Wellesley Inc.
Vanguard Wellington
Vanguard Windsor
Vanguard Windsor II
Vanguard World U.S. Grwth
Vanguard Wrld Intrntnl Grwth
Vanguard/Morgan Growth
Vista Capital Growth
Vista Growth & Income
Vista New York Tax Free Inc.
Vista Tax Free Income
Vontobel EuroPacific
Vontobel US Value
Warburg, Pincus Fixed Inc
Warburg,Pincus Cap Apprec
Warburg,Pincus Emrgng Grwth Cm
Warburg,Pincus Fixed Income
Warburg,Pincus Growth Inc
Warburg,Pincus Intl Eqty Inst
Warburg,Pincus Intl Equity
Warburg,Pincus Intrm Mat Govt
Warburg,Pincus NY Muni Bond
Wasatch Aggressive Equity
William Blair Growth Shares
William Blair Income Shares
WILSHIRE SMALL CAP
Working Assts Citizens Blncd P
WPG Government Securities
WPG Growth & Income Fund
WPG Growth
WPG Tudor
Wright Equi Hong Kong
Wright Equi Spain
Yacktman Fund
Zweig Prity Sletn Lst ClsA
Zweig Series Strategy Cls A

[List of Funds \(A thru I\)](#)

List of Funds (J thru Z)

**New funds are continuously being added to our database!
If your fund isn't listed give us a call!**

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