File Defender Scheduler Help Index

File Defender Scheduler (FDSCHED.EXE) is a versatile scheduling utility used to launch FDefend or any program at specified times completely unattended.

With **FD Scheduler 1.00** you can:

- Schedule events to occur at pre-defined intervals, on certain days, or one time only.
- Run programs minimized an unattended.
- Edit schedules easily to fit your needs.
- Display messages before events.
- Be hidden when running.
- Schedule up to 50 different events.

To learn how to use **Help**, press **F1**.

Procedures
Adding, Copying or Modifying an Event
Deleting an Event
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Loading FD Scheduler

The Index contains a list of all **Help** topics available for **FD Scheduler**. For information on how to use **Help**, press **F1** or select **Using Help** from the **Help** menu.

FDefend is the companion utility program of the **File Defender** software package that performs all of the system protection functions (checksums, etc.).

Adding, Copying or Modifying An Event

To add an event to FD Scheduler

1   Click **Add**, or press **Alt+A.** The <u>Add Event dialog box</u> appears which prompts you for scheduling information.

2   Enter the requested information for each field.

          Description: Enter a brief description of the message or event you're adding.
          Command Line: If you are running a program, enter the command line to be run in the text box.
          Working Directory: Type the name of the path where your application's program files and documents are located.

3   Select options.

          Run Minimized: Check this check box if you want your program to minimize to an icon as soon as it launches.
          Message Before Running: Select this check box if you want **FD Scheduler** to display a dialog box before starting a scheduled event

4   Click the **Schedule** button. This displays the entire <u>Add Event dialog box</u>, and you can then specify the schedule.

5   Click **OK** to confirm your changes.

To copy an event in Scheduler

1   Select the event you want to copy from the **Schedule list box.**

2   Click **Copy** button, or double-click the highlighted event, or type **Alt+C**. The <u>Copy Event dialog box</u> appears which displays scheduling information for your selection.

3   Change any information.

4   Click **OK** button to confirm your changes.

To modify an event in Scheduler

1   Select the event you want to modify from the **Schedule list box.**

2   Click **Modify** button, or double-click the highlighted event, or type **Alt+M**.
The <u>Modify Event dialog box</u> appears which displays scheduling information for your selection.

3   Change any information.

4   Click **OK** button to confirm your changes.

Deleting An Event

To delete an event from FD Scheduler
1   Select the event you want to delete from the **Schedule list box**.
2   Click the **Delete** button, or press **Alt+D**.

The event is immediately removed from the list box.

Index command (Help menu)

Use this command to display the opening screen of **Help**. From the opening screen, you can jump to step-by-step instructions for using **File Defender Scheduler**.

Once you open **Help**, you can click the first button on the left in the **Help** window whenever you want to return to the opening screen.

Using Help command (Help menu)

Use this command to get help on using Help.

About Command (Help menu)

Use this command to display product name, copyright, credits, program version, the registration name of your copy of **FD Scheduler**, and useful system statistics.

Scheduling Events

To schedule an event

1   Click **Add** button, or press **Alt+A**.
The <u>Add Event dialog box</u> appears prompting you for command line information.

2   Enter the command line of the program you want to run in the **Command Line** box. Your command line can contain up to 128 characters.

3   **(Optional)** Enter a description of your event in the **Description** field. This description appears in the **Schedule list box**.

4   **(Optional)** Enter the working directory of the program you want to run in the **Working Directory** box. Your working directory can contain up to 128 characters.

5   Click **Schedule** button.
The scheduling options will appear in the dialog box.

6   Complete the scheduling by entering the time, day and date information.

7   Click **OK**.

You can schedule a non-windows application to run just as you would a Windows application.

To Schedule non-Windows applications

1   Click **Add** button, or press **Alt+A**.
The **Add Event dialog box** appears prompting you for scheduling information.

2   In the **Command Line** text box, enter the name of the application you want to execute. This can be a .BAT, .COM, .EXE or other valid non-Windows application filename.

3   **(Optional)** Enter a description of your event in the **Description** field. This description appears in the **Schedule list box**.   If a description is not entered then **FD Scheduler** will create one using the file name.

4   **(Optional)** Enter the working directory of the program you want to run in the **Working Directory** box.   Your working directory can contain up to 128 characters. If a Working Directory   is not entered then **FD Scheduler** will use the path of the file name.

5   Click **Schedule** button.
The scheduling options will appear in the dialog box.

6   Complete the scheduling by entering the time, day and date information.

7   Click **OK**.

Loading FD Scheduler

FD Scheduler can only be effective if it is running (either as a window or as a minimized icon on the desktop).

To load FD Scheduler on start up automatically
      From the <u>FD Scheduler Main Window</u>check the **Load with Windows** checkbox.

To load FD Scheduler on start up manually
1   Open your WIN.INI file using a text editor such as **Notepad**. (WIN.INI is located in your WINDOWS directory)
2   Find the **[windows]** heading of the file. (it should be located near the beginning of the file.)
3   Find the **load** line.
4   To install:
      Modify the load line as required.
      For example:
      load=c:\fd\fdsched.exe
5.   **Save** and close WIN.INI. **Reload** Windows so that changes to WIN.INI can take effect.

Note: If you are using Windows 3.1 then **FD Scheduler** (FDSCHED.EXE) can be added to the **Startup Group**, and **Windows** will start these programs each time you start **Windows**. This can be done by dragging the **FD Scheduler icon** into the start-up group, for example.

Note: Use care when making changes to any initialization file such as WIN.INI. Incorrect changes can lead to unexpected results when you use Windows. Always back-up your WIN.INI file before opening it.

FD Scheduler Main Window

This main window shows a summary of currently scheduled events and lets you add, modify or delete events.

Note: When finished changing or reviewing your schedule, click the **Minimize** button to shrink **FD Scheduler** to an icon on your desktop. This keeps **FD Scheduler** active so it can process your schedule.

Help Menu

The **Help** menu includes commands associated with the help system plus additional information not required to use the program.
For more information, select the **Help** menu command name.

Index	**Alt+H,I**	Displays opening screen of **Help**
Using Help	**Alt+H,U**	Describes how to use **Help**.
About	**Alt+H,A**	Shown non essential information about **FD Scheduler.**

The Schedule List Box

The central box is a scrollable list of currently scheduled events. Before you can modify, copy or delete an event, you must select it from this list.

If the list is empty, you can schedule a new event by clicking the **Add** button or pressing **Alt+A**.

Load With Window Checkbox

When this check box is checked, **FD Scheduler** is loaded each time you start **Windows**.

Note: This works by changing the load= line in your WIN.INI file. See Loading FD Scheduler procedure for more help.

Hide When Minimized Checkbox

When this check box is checked, the **FD Scheduler** icon will not show up when you minimize the **FD Scheduler Main window**.

Note : To make changes to **FD Scheduler** events you must restart the application by double clicking on the **FD Scheduler** icon in the File Defender program group window or by using the **Run** command of your program manager.

Add Button Command

Displays the Add Event dialog box. Click the **Add** button or press **Alt+A** to schedule a new program.

Modify Button Command

Displays the Modify Event dialog box, to let you modify the highlighted event. Select the event you want to modify, then click **Modify** button or press **Alt+M**.

Copy Button Command

Displays the <u>Copy Event dialog box</u>, to let you copy the highlighted event. Select the event you want to copy, then click **Copy** button or press **Alt+C**.

<u>Delete Button Command</u>

Deletes the highlighted event. Select the unwanted event and then click **Delete** button or press **Alt+D**.

Note: Events with the "**One Time**" frequency are deleted automatically after they have been processed.

Help Button Command

Displays this screen.

Add, Copy or Modify Event Dialog Box

This dialog box appears when you click the **Add**, **Copy** or **Modify** buttons of the <u>FD Scheduler Main Window</u>. It lets you create or modify events in your schedule.

Description

Type the name of the setup file as you would like it to appear in the **Schedule list box**. The description is optional. If you leave this box blank, **FD Scheduler** will name the event file for you.

Command Line

Type the name of the program's file, including extension, path and command line parameters, if necessary.   Use a program or batch file filename (including the .COM, .EXE, or .BAT extension) If you don't know this information click the **Browse** button to open the <u>Browse Dialog box</u> to find the program and have its name entered automatically into this space.   You can type in parameters after the program name, just as you would at the **DOS** prompt or at you program manager's **File Run** command.

Working Directory

Type the name of the path where your application's program files and documents are located. The working directory is optional. If you leave this box blank, **File Defender Scheduler** will use the directory where the program file is located as the working directory.

Run Minimized

Select this check box if you want the application to be reduced to an icon when it is launched.

Message Before Running

Select this check box if you want **FD Scheduler** to display a message box 15 seconds before starting a scheduled event.   At that time you can click the **Cancel** button to cancel the event, click **OK** button to confirm the event, or ignore the dialog and it will go away when the event starts.

Schedule Button (Add Event Dialog Event only)

Click this button to create schedule for event.

OK Button

Exits the **Add, Copy or Modify Event dialog box** with adding or creating event.

Cancel Button

Exits the **Add, Copy or Modify Event dialog box** without adding or modifying event.

Help Button

Displays this screen.

Starting Date

Select the time of the event by moving the scroll bars until the desired time is displayed. The scroll bar on the left hand side changes the time by increments of 1 hour. The scroll bar on the right hand side changes the displayed time by increments of 1 minute.

Starting Time

Select the date of the event by moving the scroll bars until the desired date is displayed. The scroll bar on the right hand side changes the date by increments of 1 day. The scroll bar on the left hand side changes the displayed time by increments of 1 month.

By Days Option

Select this option button if you want **FD Scheduler** to run the event on certain days of the week.   Choose the appropriate days-of-the-week by pressing the corresponding buttons.

By Intervals Option

Select this option button if you want **FD Scheduler** to launch the event in intervals. Select the **Pre-defined** option button if you want to use a pre-defined interval or the **User-defined** option button if you want create an interval.

Pre-defined Intervals Option
One Time: The event is scheduled for just the specified time. The event is deleted automatically as soon as it has been processed.
Hourly: The event is scheduled for once each hour.
Daily: The event is scheduled for once each day.
Weekly: The event is scheduled for once each week.

User Defined Intervals Option
The user has the option to schedule events in increments of minutes, hours, days, or weeks.

FD Browse Dialog Box

Use this dialog box to find the filename of the event .

Directories

This line displays the current default or currently-selected directory. This text changes automatically
when you select from the **Drives** and **Directory** list boxes.

File Name

Type the filename and press **Enter** or, select a file from the **Files** list box, or, type a new wildcard file specification and press **Enter** to see only files matching that wildcard.
When you click **OK**, the selected filename is entered in the **Command line text box** of the Add or Modify Event dialog box.

Files List Box

This list shows the names of files in the current directory, in alphabetical order.

You can type the first character of a filename to quickly scroll to that part of the list or, use the scroll bar to look through this list. You can double-click a filename to select it and automatically confirm the selection.

Directory List Box

You can type the first character of a directory name to quickly scroll to that part of the list or, use the scroll bar to look through this list. When you click a directory, its files are shown in the **Files List Box**.

Drives List Box

You can type a drive letter or, click the prompt button and use the scroll bar to look through this list. When you select a drive, its directories will be listed in the **Directory List Box**.

OK Button

Click this button, or double-click a filename, or press **Enter** to confirm your selection of the filename.

Cancel Button

Exits the **Browse dialog box** without selecting a file.

Help Button

Displays this screen.

Application Error Message Box

The **Application Error** message box is displayed when there is an error running an application.
The message box displays then application name plus the **error code**.

Error Code

The errorcode value may be one of the following:

Value	Meaning
0	System was out of memory, executable file was corrupt, or relocations were invalid.
2	File was not found.
3	Path was not found.
5	Attempt was made to dynamically link to a task, or there was a sharing or network-protection error.
6	Library required separate data segments for each task.
8	There was insufficient memory to start the application.
10	Windows version was incorrect.
11	Executable file was invalid. Either it was not a Windows application or there was an error in the .EXE image.
12	Application was designed for a different operating system.
13	Application was designed for MS-DOS 4.0.
14	Type of executable file was unknown.
15	Attempt was made to load a real-mode application (developed for an earlier version of Windows).
16	Attempt was made to load a second instance of an executable file containing multiple data segments that were not marked read-only.
19	Attempt was made to load a compressed executable file. The file must be decompressed before it can be loaded.
20	Dynamic-link library (DLL) file was invalid. One of the DLLs required to run this application was corrupt.
21	Application requires Microsoft Windows 32-bit extensions.