To adjust the playback speed

▶ Drag the **Zooms Per Second** slider left (for slower, but smoother, playback) or right (for faster, but possibly jerky, playback).

The equivalent frame rate (in frames per second) appears in the **Frame rate** text field.

Tip

■ You can widen the FX Movie Player window for finer control of the slider.

To change the display size of the movie

▶ Drag the frame (border) of the window displaying the zoom movie.

The pixel dimensions (width x height) of the zoom movie appear next to the **Window size** label. You can compare this to the original size of the animation (**Animation size**).

To contact Cygnus Software about Fractal eXtreme or the FX Movie Player

Use one of the following methods:

Post: Cygnus Software
           33 University Square #199
           Madison, WI 53715
           USA

Web: http://www.cygnus-software.com

E-Mail: sales@cygnus-software.com   (Sales)
           support@cygnus-software.com   (Technical Support)
           comments@cygnus-software.com   (General Feedback)

To control playback of a zoom movie
▶   Use the VCR-style transport controls:
■

⬜ -- Move to the first frame (**Number of Zooms** = 0.0)
■

◁ -- Play the <u>movie</u> in reverse
■

⬜ -- Stop playback of the movie
■

▷ -- Play the movie forwards
■

▷| -- Move to the last frame (**Number of Zooms** = **Maximum zoom**)

For manual playback control, stop the playback, then drag the **Number of Zooms** slider left and right.

Tip
■   You can widen the FX Movie Player window for finer control of the slider.

What is Fractal eXtreme?

Fractal eXtreme is <u>Cygnus Software's</u> fast and powerful 32-bit fractal exploration program. With Fractal eXtreme, you can explore different types of fractals (such as the Mandelbrot set), print out fractals at different sizes, and create <u>zoom movies,</u> among other features.

The zoom movie(s) you are viewing with the FX Movie Player were originally created in Fractal eXtreme. If Fractal eXtreme is also installed on your computer, you can <u>further explore a location in a zoom movie</u>.

You can download a working demo of Fractal eXtreme from Cygnus Software's web site at <u>http://www.cygnus-software.com</u> and purchase it from the comfort of your warm and cozy home for $34.95.

What is a zoom movie?

A zoom movie is an animation showing a progressive magnification (or zoom) deep into the depths of a fractal image. You create zoom movies in Cygnus Software's Fractal eXtreme and view them using the FX Movie Player.

Unlike most animation formats, zoom movies are very compact in size. Cygnus Software's innovative FX Movie Player processes the information in these zoom movies and produces the frames of the information on-the-fly. In addition to the standard VCR-style transport controls, you can change the display size of the animation and playback speed as a movie plays.

To display information about a movie

1 On the **File** menu, click **Info**.

   The Zoom Movie Information dialog box appears, displaying the name of the <u>movie</u> on disk, the time it took to fully calculate (in *days*:*hours*:*minutes*.*seconds*), and the maximum zoom level it can reach.

2 Click **OK** to close the window.

For information about the pixel dimensions (width x height) of the current zoom movie, see the **Animation size** and **Window size** text fields.

- **Animation size** -- Displays the zoom movie's original pixel dimensions
- **Window size** -- Displays the pixel dimensions of the window in which it's currently being played

To exit the FX Movie Player

▶ On the **File** menu, click **Exit**.

To explore a zoom movie location in Fractal eXtreme

1 Move to the location (zoom setting) in the zoom movie from where to start exploring.

2 Click the **Explore From Here** button.

   This button will not be available if you are viewing the first frame (**Number of Zooms** = 0.00) of a movie.

Fractal eXtreme starts up and opens a new fractal window, displaying the current location. You can then use Fractal eXtreme's navigational controls to explore in this fractal window.

FX (Fractal eXtreme) Movie Player Help

Welcome to Fractal eXtreme's Movie Player, version 1.0 for Windows NT® and Windows® 95.

▶ To view online help, click the **Help Topics** button.

Copyright © 1997 Cygnus Software. All rights reserved.

Fractal eXtreme is a trademark of Cygnus Software. Windows and Windows NT are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All other registered trademarks and trademarks are the property of their respective owners.

FX Movie Player Menu

The FX Movie Player's menu bar contains commands in three menus: **File**, **Zoom**, and **Help**.

File

Open...	Displays the Open Zoom Movie dialog box, from which you can select a previously saved <u>zoom movie</u> to open.	CTRL+O
Info	Displays the Zoom Movie Information dialog box, from which you can view the current movie's full file name on disk; the time it took to create (calculate) in days, hours, minutes, and seconds; and the maximum zoom level reachable.	CTRL+I
Exit	Quits the movie player.	

Zoom

Increase Zoom Level	Increments the **Number of Zooms** setting by 0.1 zooms.	I
Decrease Zoom Level	Decrements the **Number of Zooms** setting by 0.1 zooms.	O
Increase Zoom Speed	Increments the **Zooms Per Second** setting by 0.1 zooms.	=
Decrease Zoom Speed	Decrements the **Zooms Per Second** setting by 0.1 zooms.	-
Stop/Start Playing	Switches between playing and not playing the movie.	CTRL+P

Help

Help Topics	Displays the Contents tab of the Help Topics dialog box, from which you can display a help topic.	F1
About FX Movie Player	Displays the movie player's About window, from which you can see the program's version number and copyright notice.	

To open a zoom movie from the desktop, File Manager, or Windows Explorer
▶ Double-click the <u>zoom movie's</u> icon.

The FX Movie Player automatically starts up and loads the selected movie file.

To open a zoom movie from within the FX Movie Player

1 On the **File** menu, click **Open**.

2 Select the location and name of the zoom movie file on disk.

3 Click **Open**.

The FX Movie Player loads the selected zoom movie file into a new window.

To purchase Fractal eXtreme

1 Download a limited-use copy of Fractal eXtreme from the Cygnus Software web site (`http://www.cygnus-software.com`).

   If you have the ability to use Internet shortcuts, click to connect to the Cygnus Software web site.

2 At the Time Limit Reminder dialog box, click **Purchase Fractal eXtreme** and follow the instructions.

   You can purchase Fractal eXtreme with a credit card (Visa, Mastercard, American Express, or Discover) or check.

   You can pay for your purchase via secure connection through the Internet, direct connection using a modem, phone, post, or fax.

Note

▪   If you previously installed the Fractal eXtreme software, but chose to try it out before buying it, choose **Purchase Fractal eXtreme** from Fractal eXtreme's **Help** menu to begin the purchasing process. For more information, see the Purchasing Fractal eXtreme help topic in the Fractal eXtreme program.

To start the FX Movie Player under Windows 95 or later or Windows NT 4.0 or later

1 Click the **Start** button on the taskbar.

2 Move the pointer above **Programs**, then to **Cygnus Software**, then click **FX Movie Player**.

To start the FX Movie Player under Windows NT 3.51

1 Open the **Cygnus Software** program group.

2 Double-click the **FX Movie Player** icon.

To uninstall the FX Movie Player under Windows 95 or later or Windows NT 4.0 or later

1 Click to open the **Add/Remove Programs** applet.

2 Select the **FX Movie Player** entry in the list.

3 Click **Add/Remove**.

4 Follow the instructions for uninstalling the software.

To uninstall the FX Movie Player under Windows NT 3.51

1 In the **Cygnus Software** program group, double-click the **Uninstall** icon.

2 Follow the instructions for uninstalling the software.