



## Movino User Guide

### Mac OS X desktop client/server

#### Requirements

Mac OS X 10.4 (Tiger) or later is required in order to use the Movino OS X desktop client/server.

Bluetooth capabilities are required in order to connect to the Movino OS X desktop server/client with the Movino mobile phone client.

An Internet connection is required to forward the stream to a Movino video server or serve an http stream on the Internet. An http stream can be served on a local network also.

#### Installation

- Movino OS X desktop client/server application
  - Download the Mac OS X desktop client/server Universal Binary (movino-osx.dmg)
  - Mount the image
  - Drag the Movino application file anywhere you like. It can also be run directly within the mounted image
  
- Movino OS X QuickTime component
  - Download the Mac OS X desktop client/server Universal Binary (movino-osx.dmg)
  - Mount the image
  - Drag the QuickTime component into the Library/QuickTime directory, either the system-wide directory or the user-specific directory. If the QuickTime directory doesn't exist, create it.

#### Usage

Make sure Bluetooth is enabled on your computer and that it is visible for other Bluetooth devices. Connect with the Movino mobile phone application to the Movino desktop client/server. The stream may now be viewed and saved on the computer locally. It can also be forwarded to a Movino video server, or an http stream server can be started locally. More detailed information on the different features in the *Detailed overview of features* section of this document.

The QuickTime component can also be used when the main application is running, for instance as a video source for Skype. More detailed information regarding this is found in the *QuickTime component* section.

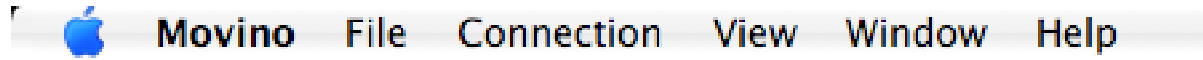


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### Detailed overview of features

This section is categorized by the menus of the Movino OS X desktop client/server application. Only the Movino-specific options are described.



#### Movino

##### About Movino

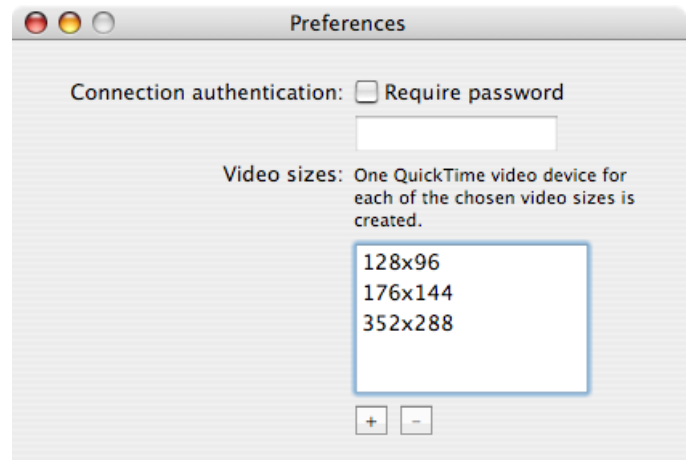
Shows information about the Movino OS X desktop client/server application.



##### Preferences

###### General preferences

- Connection authentication – Check the `Require password` box if you wish to authenticate incoming connections from Movino mobile phone clients. Type the desired password in the field.
- Video sizes – Add and remove available video sizes for QuickTime component



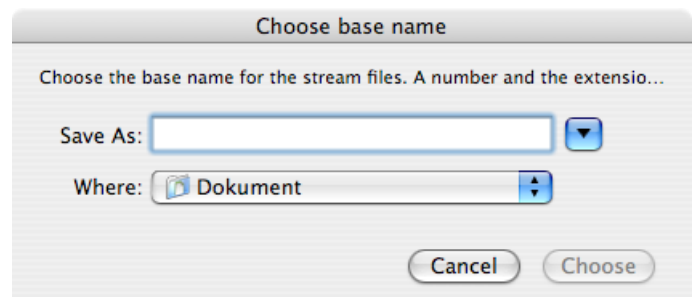
#### File

##### Save

Save the stream locally. Specify the base file name and location. A number and the extension will be added to each stream file.

##### Stop saving

Stop saving the stream locally.





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### Connection

#### *Forward*

Forward the stream to a Movino video server. Type the server hostname and port in the fields. If the server is set to authenticate incoming streams, a username and password dialogue will appear after connecting. Type your Movino Web Site username and password into the fields.

#### *Stop forwarding*

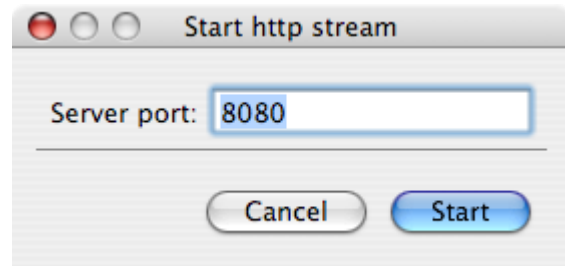
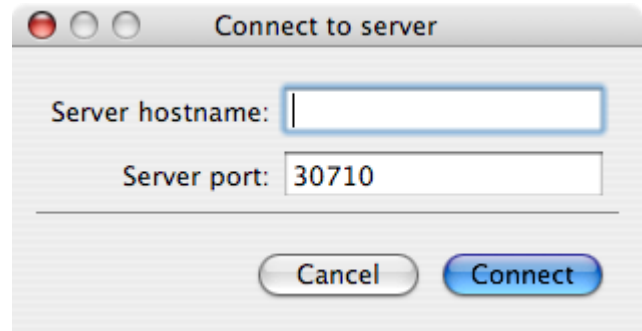
Stop forwarding the stream.

#### *Start http stream server*

Start serving an http stream locally. After specifying the port number, the stream can be viewed over the network. A player that can receive a network stream is required for viewing, for instance VLC. The player is connected to your address and the port you specified (e.g. <http://myhost.name.net:8080>).

#### *Stop http stream server*

Stop serving locally.





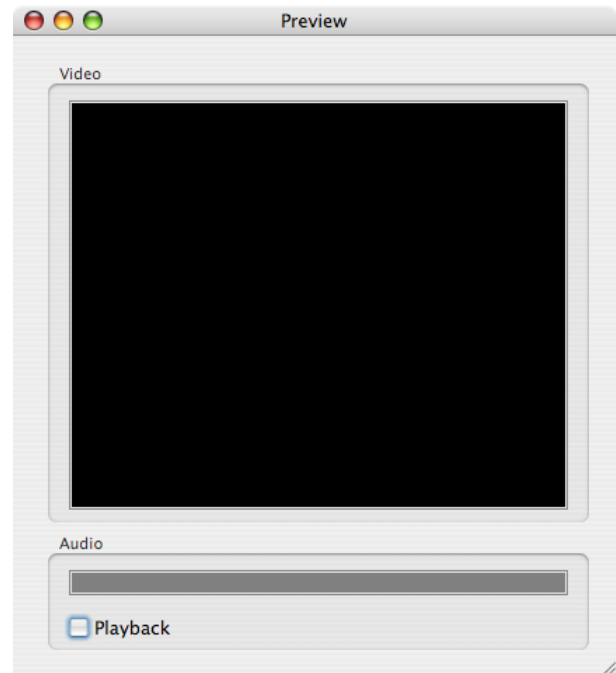
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### View

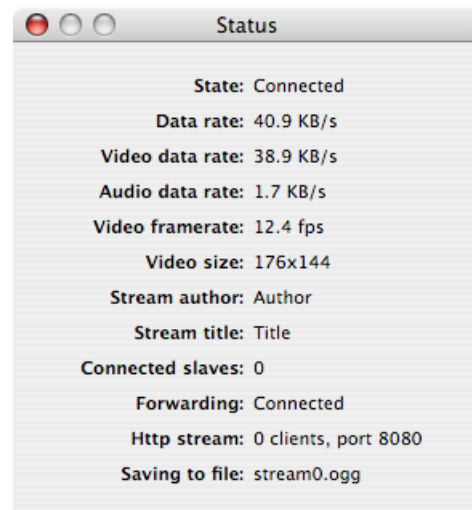
#### *Show preview*

Shows the incoming stream. The audio strength is shown as a horizontal bar. Check the Playback box to play the audio.



#### *Show info*

Show current status



### Window

No Movino-specific options.

### Help

No help available within the application. Refer to this manual for Movino help.



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### QuickTime component

The QuickTime component provides video and audio from the stream for applications that can use QuickTime components. The Movino OS X desktop client/server application needs to be running in order to use the QuickTime component.

### Skype

The QuickTime component can be used as a video source for Skype. Audio is not available in Skype through the QuickTime component. The Movino OS X desktop client/server application needs to be running in order to use the QuickTime component.

In Skype's *Preferences*, select the *Video* tab. From the *Camera* drop down menu select the video size that you are currently streaming to the Movino OS X desktop server/client. You can see the preview in the window above. The other sizes (which are currently not streamed) will only show a all green preview.