

The logo for roConnect, featuring the word "ro" in a light blue color and "Connect" in a dark blue color, both in a sans-serif font. The "ro" is positioned above the "Connect".

roConnect

roConnect Guide

v 1.2

Saul Howard

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Media

Roku

Settings

Auto-IMDb Query:

Path to Movie Folder:

Search Sub-Folders:

Server IP: (Like "192.168.1.1")

Server Config File:

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Configuration Page

1. **Auto-IMDb Query:** Turn this on to automatically query IMDb for metadata on the videos being indexed. This will slow down processing time and the search is based on the file name so results may be incorrect.
2. **Path to Movie Folder:** This is the path to the folder on your personal computer where your video files are stored.
 - **Network Drives:** If you are mapping to a network drive you must provide the apache service with the proper credentials to access that network drive.
3. **Search Sub-Folders:** This tells roConnect to search all folders that lie within the designated movie path folder mentioned above. All video files found within the sub-folders will also be indexed.
4. **Server IP:** This is the IP address of the personal computer you have installed roConnect on. For the most part you can click on the "Get IP" button and you will get the correct IP address.
5. **Server Config File:** This refers to the configuration file for the web server. roConnect will auto-populate this field for you and for the most part you do not need to change this field. For advanced users wishing to use another webserver besides Apache, please provide the web server's configuration file. The web server must support aliases.

The screenshot shows the roConnect web application. At the top, there is a purple header bar with 'Media' and 'Roku' tabs. Below the header, on the left, is a sidebar with two buttons: 'Configuration' (callout 1) and 'Index Videos' (callout 2). The main content area (callout 3) features a search bar at the top, followed by a table of video entries. The table has columns for Title, Genre, Rating, Runtime, and Rank. Below the table is a pagination bar showing 'Showing 1 to 10 of 70 entries' and buttons for 'First', 'Previous', '1' (selected), '2', '3', '4', '5', 'Next', and 'Last'. At the bottom of the page, there is a footer with 'Saul Howard Designs' and a 'Help' button (callout 4). Below the footer is a 'Donate' button (callout 5) with logos for MasterCard, VISA, and other payment methods.

Title	Genre	Rating	Runtime	Rank
300	Action	R	111m	70
Family Guy A Hero Sits Next Door	Animation	NR	21m	70
Arrested Development Altar Egos	Comedy	NR	22m	80
Up	Animation	PG	44s	80
The Best Man	Comedy	Approved	21m	70
Boundin'	Animation	G	9m	70
1-01 Coding Headstart - Coding Smarter with Objective-C 2	-	-	1m	-
Elf	Comedy	PG	96m	60
The Emperor's New Groove	Animation	G	78m	70
For the Birds	Animation	G	6m	80

Media Tab

- 1. Configuration Button:** This provides access to the configuration page for adjusting roConnect's settings.
- 2. Index Videos Button:** This button indexes all video files found in the "Path to Movie Folder" setting defined on the configuration page. When indexing, roConnect removes all videos that have been deleted from the folder, adds any new videos, and modifies the path to videos that have been moved to another folder. Indexing provides a progress bar to keep the user informed on the indexing progress. However, if the user navigates away from this page the indexing continues but no progress bar is available.

3. **Video Table:** This table provides a paginated view of all videos found in the designated video folder. Users can click on each row to see detailed information. Also, by hovering over any row a “Watch” button will appear to allow the user to watch the video from the web browser. Users can sort on any column and have the ability to search via the search box.
4. **Help:** The help link provides direct access to the support page of www.ro-connect.com. Users can find answers to any questions and can ask questions via the roConnect Google Group.
5. **Donate:** Feel free to contribute to the ongoing development of this project. Although the Android app and roConnect Roku Channel are paid-apps the roConnect web application is by far the most time consuming part of this project.

The screenshot shows a web application interface. At the top, there's a 'Index Videos' button. Below it is a table with columns for video details. A popup window is open, displaying details for the movie 'Up'. The popup includes a synopsis, genre, rating, year, director, and actors. At the bottom of the popup, there are three buttons: 'Watch' (labeled 3.), 'Edit' (labeled 2.), and a 'Filename' field (labeled 1.).

Video Title	Genre	Rating	Runtime	Rank
300	Action	R	111m	70
Family Guy: A Hero Sits Next Door	Animation	NR	21m	70
Up	Animation	PG	1m	80
			4s	80
			1m	70
			7m	70
			6m	60
			8m	70
			5m	80

Up

Synopsis
By tying thousands of balloons to his home, 78-year-old Carl Fredrickson sets out to fulfill his lifelong dream to see the wilds of South America. Right after lifting off, however, he learns he isn't alone on his journey, since Russell, a wilderness explorer 70 years his junior, has inadvertently become a stowaway on the trip.

Genre Animation **Runtime** 1 mins
Rating PG **Rank** 80/100
Year 2009
Director Pete Docter, Bob Peterson
Actors Edward Asner, Christopher Plummer, Jordan Nagai
Filename Backseat Walking_/Backseat Walking_.m4v

Buttons:
 1. **Filename** (Backseat Walking_/Backseat Walking_.m4v)
 2. **Edit**
 3. **Watch**

Video Details

1. **Video Details:** Each popup provides details of the selected video as shown above. The *Filename* is the name of the actual video file on your personal computer.
2. **Edit Button:** The edit button will direct you to a page where you can edit the video information.
3. **Watch Button:** The watch button is yet another way to begin watching the video from the web browser.

Media

Roku

☐ Include Episodes
Search:

Title

Up (2009)

Up! (1976)

Up (1984)

Up (2009)

Up (2002)

Title

Showing 1 to 5 of 6 entries

Up

File: Backseat Walking_/Backseat Walking_.m4v

Title:

Synopsis:

By tying thousands of balloons to his home, 78-year-old Carl Fredricksen sets out to fulfill his lifelong dream to see the wilds of South America. Right after lifting off, however, he learns he isn't alone on his journey, since Russell, a wilderness explorer 70 years his junior, has inadvertently become a stowaway on the trip.

Genre:

Year:

Rating:

Rank:

Director:

Actors:

Image:

Save

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Video Edit Page

- IMDb Search:** The search feature in the left-hand sidebar provides movie information from IMDb. Simply start typing the name of the movie and the results from IMDb are returned. By clicking on any row the movie information is instantly transferred to the fields on the right-hand side.
 - Episodes:** Check the “Include Episodes” to search for TV episodes instead of movie titles.
- Video Information:** Fill in the fields on the right-hand side to include them in the information pulled up on your Roku player and Android app.
 - Images:** You must provide a url to the image you wish to use for this video. Images can be easily added by placing them in the roConnect web directory in the “images” folder.
 - Rank:** Ranking is based on a scale of 1 – 100.

Media

Roku

This scan shows all of the Roku devices found on the local area network. If the Roku device light is:

- **Red** means that the roConnect application is not yet installed.
- **Green** means the roConnect application is installed and ready to connect.



<http://172.31.1.116:8060/> Connect

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Roku Tab

- This tab simply shows the Roku players found on the local network. roConnect automatically detects all Roku players and displays them on this page. If the roConnect Channel is installed on the specific Roku player a green light will show on the Roku player and the button “Connect” will be present. Click the “Connect” button to sync that Roku player with your current roConnect server. If the roConnect channel is not available on the Roku player a link will be displayed directing you to the roConnect channel.

Installation Instructions

1. Download a web server application based on the Operating System (OS) you are using (links can be found at <http://www.ro-connect.com/download.php>)
 - a. Windows: WAMP
 - b. Mac: MAMP
2. Start your web server
 - a. WAMP: Start > All Programs > Wamp > Start Wamp Manager*
 - b. MAMP: Applications > MAMP > Mamp

*WAMP users must first enable php_sockets, see <http://www.ro-connect.com/support.php>.
3. Download the roConnect web application at <http://www.ro-connect.com/download.php>
 - a. In the download there is a folder labeled “roku,” place this folder in the web directory:
 - i. WAMP: C:/wamp/www/
 - ii. MAMP: /Applications/MAMP/htdocs/
4. Browse to the proper web address in your favorite browser**
 - a. WAMP: <http://localhost/roku>
 - b. MAMP: <http://localhost:8888/roku>

**roConnect does not support IE, sorry
5. You should automatically be redirected to the Settings page. Take the time to adjust the settings to your liking. See the section on the **Configuration Page** for more information on each setting.
6. Go to the “Media” tab and click the “Index Videos” button to create a playlist of all your videos.
7. Click the “Roku” tab to connect the roConnect channel on your Roku player to the roConnect server.
8. Start streaming your videos!
 - a. Watch on any browser by inputting the following address:
 - i. WAMP: <http://<server-ip-address>/roku>
 - ii. MAMP: <http://<server-ip-address>:8888/roku>
 - b. Watch on your Roku player via the roConnect Channel!
 - c. Watch on your Android device via the roConnect Android app!