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# **Automatización de Radio**



**utilizando:**

**Airtime** ➔

## Instalación

lo primero que se debe hacer es descargar el paquete airtime-easy-setup, el mismo puede descargarse desde <http://apt.sourceforge.net/mirror/misc/airtime-easy-setup.deb>

una vez descargado debemos abrirlo con el instalador de paquetes “GDebi” utilizando el siguiente comando desde una terminal: sudo gdebi airtime-easy-setup.deb (si no se tiene GDebi instalado puede bajarse desde: sudo apt-get install gdebi)

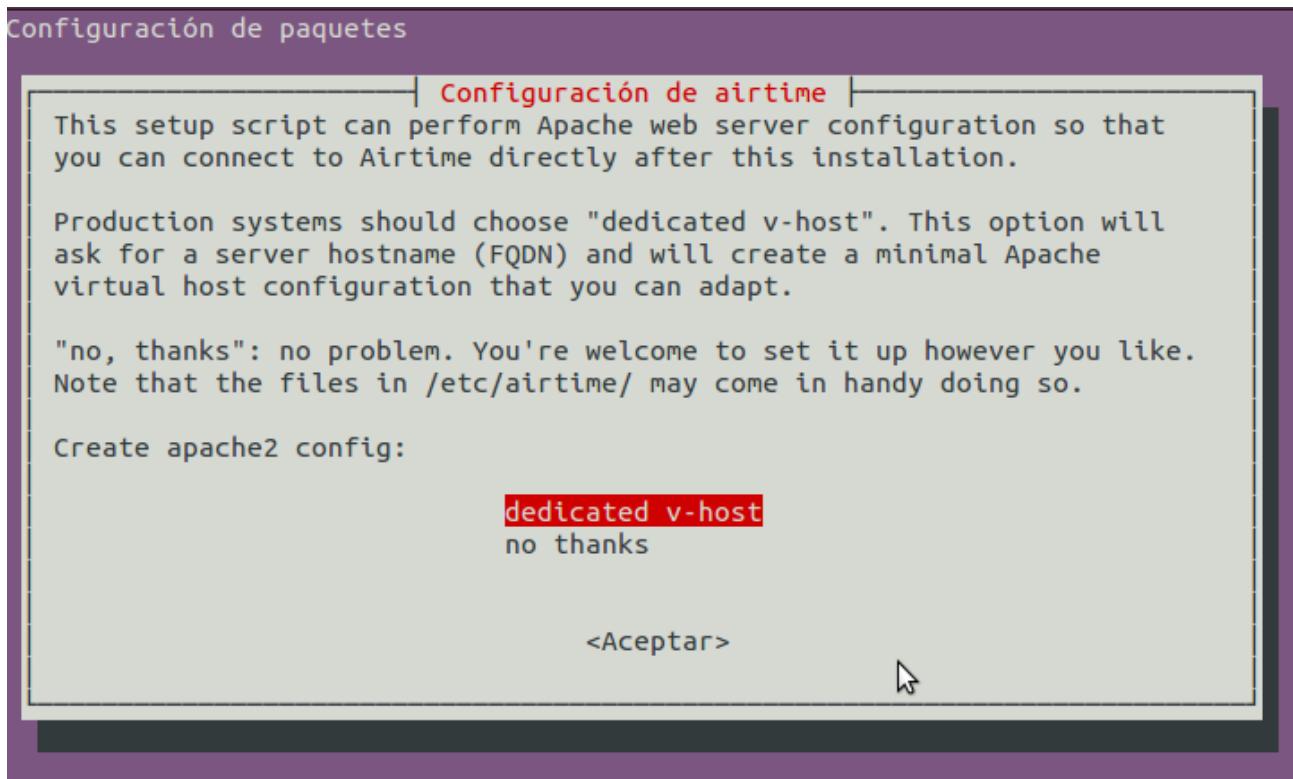
Completada la descarga debemos actualizar el repositorio utilizando: sudo apt-get update y bajamos la ultima version de “Airtime”: sudo apt-get install airtime

## Configuración

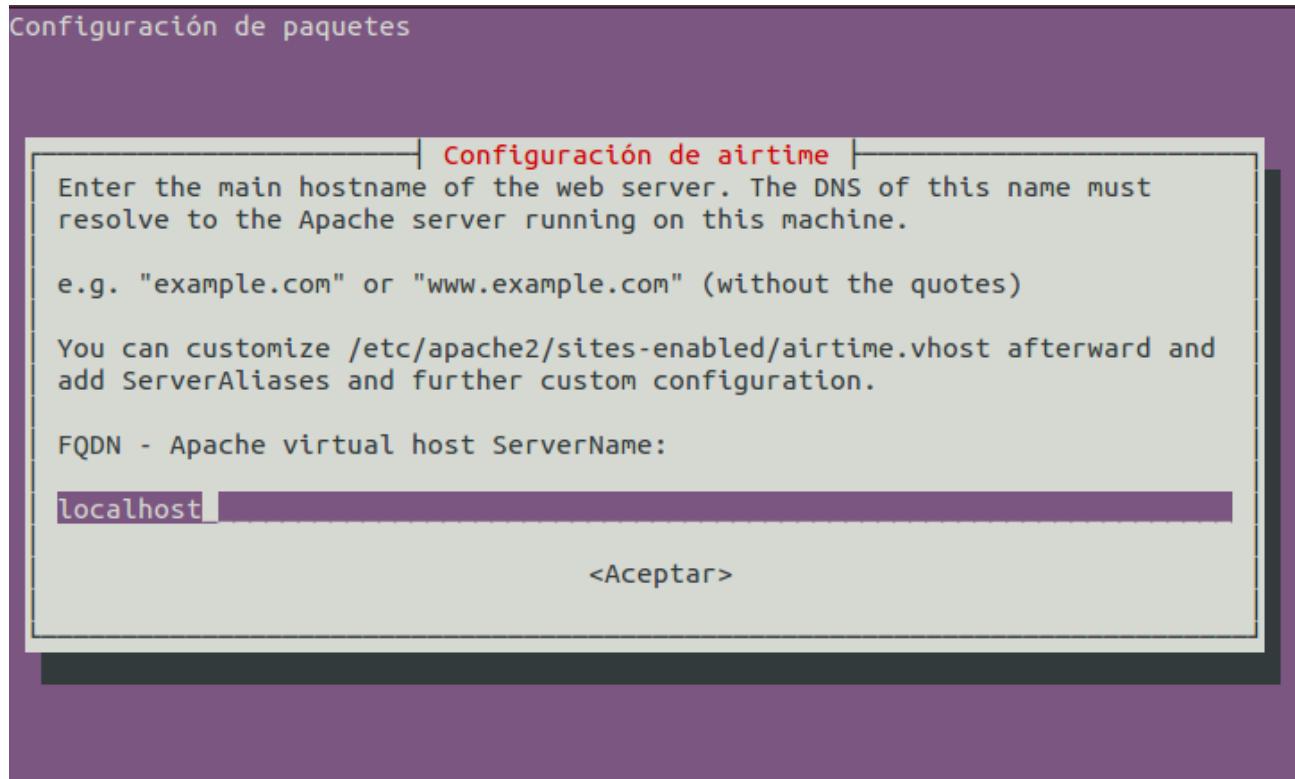
para configurar Airtime debemos ejecutar la linea de comandos sudo dpkg-reconfigure airtime

alli configuraremos contraseñas para icecast2

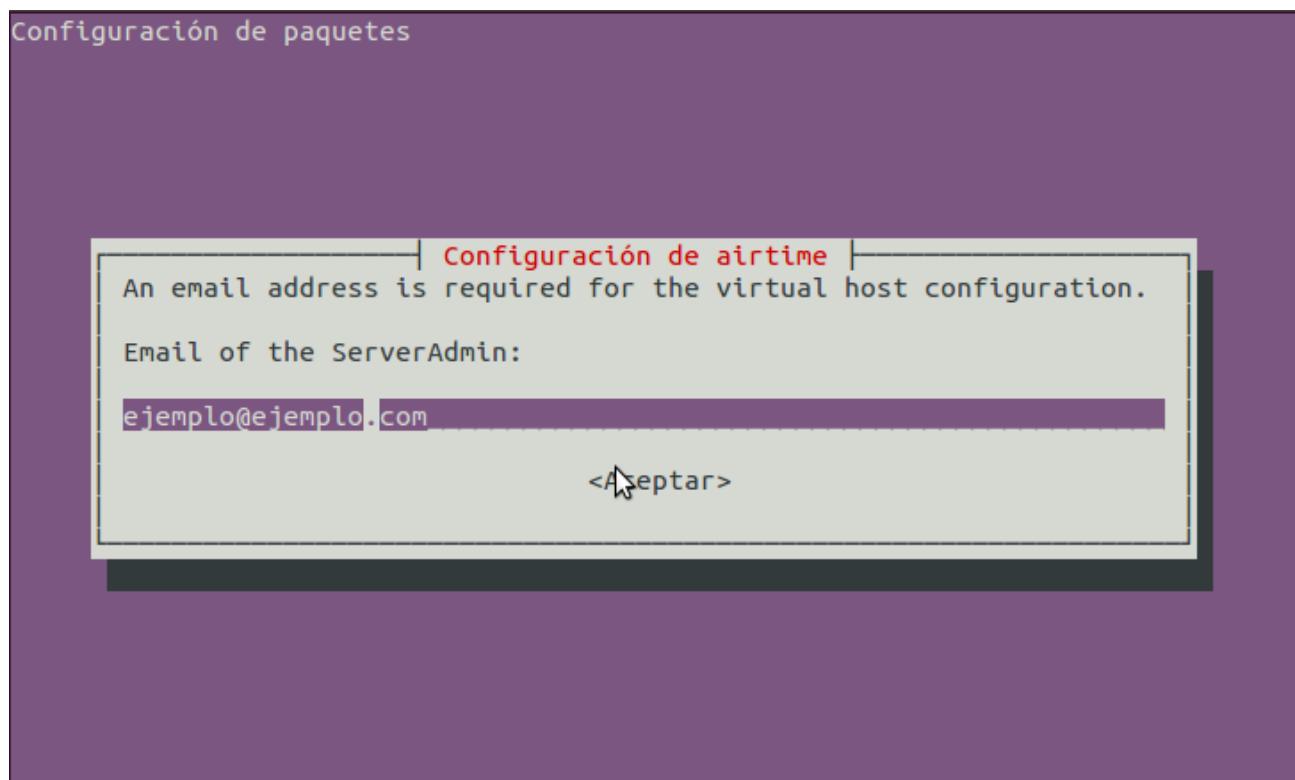
usando las sig opciones:



Aca elegimos dedicated v-host para configurar y crear un virtualhost de apache



Ponemos el nombre del servidor apache.



Ingresamos el mail del administrador del servidor apache.

## Configuración de paquetes

### Configuración de airtime

By default the Apache webserver is configured to send all virtual hosts to the /var/www/ directory.

This option will invoke `sudo a2dissite default` and is recommended when using a virtual host for Airtime.

Remove 000-default apache config:



remove default  
no change

<Aceptar>

Aca elegimos el directorio donde se guardara la configuracion de apache. Para dejar el directorio por defecto seleccionamos no change.

## Configuración de paquetes

### Configuración de airtime

This option enables a local Icecast streaming media server to start on boot, and configures passwords for both the Icecast server and Airtime.

Note: these settings are here for convenience only. Strictly speaking they should be done during Icecast installation - not Airtime installation.

If you wish to set Icecast server passwords manually, you should answer No here.

Enable Icecast2 and set passwords automatically?

<Si>

<No>

Aca elegimos “ Si ” para configurar las contraseñas de icecast2.

## Configuración de paquetes

### Configuración de airtime

Specify the hostname of the Icecast server. Depending on your setup, this might be the same as the Airtime ServerName. For testing purposes, you can use the default of 'localhost'.

Icecast2 hostname:

localhost

<Aceptar>

En esta opcion nos pide el host-name de icecast2. Para usar como host-name la maquina local ponemos localhost.

## Configuración de paquetes

### Configuración de airtime

Specify a password to send A/V sources to Icecast

Icecast2 Source Password:

<Aceptar>

## Configuración de paquetes

### | Configuración de airtime |

Specify a password for stream relay access. This is not needed by Airtime, however you should change it from the default to lock down your system.

Icecast2 Relay Password:

<Aceptar>



## Configuración de paquetes

### | Configuración de airtime |

Specify the admin password for Icecast. You can access icecast2's admin interface via <http://localhost:8000/> - and both monitor connection as well as block users.

Icecast2 Admin Password:

<Aceptar>



En estas opciones elegimos diferentes contraseñas para icecast2. La última opción es para la contraseña del administrador.

# Algunas opciones básicas para el uso de Airtime

Para loguearnos como administrador debemos usar el usuario admin y la contraseña que hallamos establecido.

The screenshot shows the Airtime web interface. At the top, it displays "Current: Nothing Scheduled". Below this, the "NOW PLAYING" section lists several tracks: "Bohemian Rhapsody" by Queen, "Burn" by Deep Purple, "Don't Let Me Down" by The Beatles, "Enter Sandman" by Metallica, "labo vivo-2012-11-29-12:25:00" by Airtime Show Recorder, "La Leyenda Del Hada y El Mago" by Rata Blanca, "Mujer Amante" by Rata Blanca, and "Revolution" by The Beatles. The "LIBRARY" section on the right shows a search results table with columns for Title, Creator, and Album. A message indicates "No matching records found". The top right corner shows "Station time 20:20:18 ART" and the user "admin".

En la opcion Add Media podemos agregar archivos para reproducir en un show.

The screenshot shows the "ADD MEDIA" section of the Airtime interface. It displays a "Select files" area with instructions to "Add files to the upload queue and click the start button." Below this is a file upload area with a "Drag files here." placeholder and a note "Using runtime: html5". At the bottom, there are buttons for "Add files" and "Start upload". The top right corner shows "Station time 20:18:56 ART" and the user "admin".

En la opcion Calendar podemos crear un Show, este puede tener canciones de una lista o se puede transmitir en vivo activando la opcion: Record from Line In

The screenshot shows the Airtime software interface. At the top, there's a header with 'Previous', 'Current: Nothing Scheduled', 'Next: labo, 01:00:00.00', and navigation buttons for 'NOW PLAYING', 'ADD MEDIA', 'LIBRARY', 'CALENDAR' (which is selected), 'SYSTEM', and 'HELP'. On the far right, it shows 'Station time 20:19:27' and 'ART' with an 'Airtime' icon. Below the header is a control panel for 'SOURCE STREAMS' with buttons for 'Master Source', 'Show Source', and 'Scheduled Play', along with 'ON AIR' and 'LISTEN' buttons. The main area is a calendar for December 2012. Each day of the month is represented by a box. Days with scheduled shows or live streams are highlighted in different colors (green, orange, red). Specific show details like '12:00 - 12:18 labo' or '12:25 - 12:31 labo vivo' are listed within these colored boxes. The days of the week are labeled at the top of each column: Sun, Mon, Tue, Wed, Thu, Fri, Sat.

En la pestaña System → users, podemos crear nuevas usuarios con distintas jerarquias.

The screenshot shows the 'Manage Users' page under the 'SYSTEM' tab. At the top, it has the same header as the previous screenshot. Below the header, it says 'Manage Users' and has a search bar with a magnifying glass icon and a '+ New User' button. To the left, there's a table showing existing users with columns for 'Username', 'First Name', 'Last Name', and 'User Type'. Two users are listed: 'admin' (Admin) and 'invitado' (Guest). Below the table, it says 'Showing 1 to 2 of 2 entries'. To the right of the table is a large form for adding a new user. The form fields include: 'Username' (text input), 'Password' (text input), 'Firstname' (text input), 'Lastname' (text input), 'Email' (text input), 'Mobile Phone' (text input), 'Skype' (text input), 'Jabber' (text input), and 'User Type' (a dropdown menu set to 'Guest'). At the bottom right of the form is a 'Save' button.