How do I install EchoIRLP?

ECHO LINK VALIDATION VIA COMPUTER FIRST

- Go to the http://www.echolink.org/ and downloaded, installed, and run the EchoLink software. Registers your callsign as a signal user with the system.

  - Don't forget your password and email address when you register. This is important when trying to setup as sysop user for repeater (-R) or a link (-L) call.

- Return back to the http://ww.echolink.org and validate your callsign..

- To get the call with –R or –L suffix create new profile in your echolink software and then return back to http://ww.echolink.org and validate the other callsign.

- Once this process is complete continue with the install

NEW DEBIAN VERSION OF IRLP

- http://code.google.com/p/echoirlp/

- http://echoirlp.googlecode.com/svn/trunk/install/echo-install-new

Prerequisites:

- IRLP must already be installed and **FULLY CONFIGURED** and **WORKING**. EchoIRLP uses IRLP code.

- Your IRLP node must have the compiler (GCC) and development software (make) installed. Unless you selected the optional "Development Package" while installing IRLP, this may not have been installed.

- You must have used the Windows EchoLink client to register your EchoLink node and password. Your EchoLink node must be a -R (repeater) or -L (link) radio node. Once you have your EchoLink node working on the Windows client, you will use that configuration information in EchoIRLP install.

- Make a backup copy of your working IRLP installation using the script home/irlp/scripts/backup_for_reinstall, or make copies of the following IRLP files. These IRLP files are modified by the EchoIRLP install process.

  /home/irlp/custom/rc.irlp
  /home/irlp/custom/custom_decode

/home/irlp/custom/custom_on
/home/irlp/custom/custom_off
/home/irlp/custom/environment

STEPS TO INSTALL ECHOIRLP SOFTWARE ON YOUR DEBIAN IRLP SYSTEM:

- login as root

    wget –N http://echoirlp.googlecode.com/svn/trunk/install/echo-install-new
    chmod +x ./echo-install-new
    ./echo-install-new

- Answer the prompts.

- Restart IRLP by running /home/irlp/custom/rc.irlp

NOTE: "RASPBERRY PI USER"

- After completing Debian install

- login as root

    type ln -s /bin/pidof /sbin/pidof

- This will fix a pidof error.

- If you have a network firewall, be sure these ports are forwarded to the EchoIRLP computer.

ALL OTHER USE OS

http://code.google.com/p/echoirlp/

http://echoirlp.googlecode.com/svn/trunk/install/echo-install

- login as root

    wget –N http://echoirlp.googlecode.com/svn/trunk/install/echo-install
    chmod +x ./echo-install
    ./echo-install

- Answer the prompts.

- Restart IRLP by running /home/irlp/custom/rc.irlp

- If you have a network firewall, be sure these ports are forwarded to the EchoIRLP computer.