9.1.14. Express Talk (SIP softphone)

Express Talk is a SIP client software supported by Windows OS (WinXP/WIN7/2000/VISTA/2003). It is a free software and you can download it from the official website and use it with your friends and colleagues. For this purpose we assume that you already have configured your Asterisk server and you have a working knowledge on Asterisk configuration. If you need to learn you can start from here.

In order to obtain this windows softphone you can download it for free from http://www.nch.com.au/biblio/en.html

PHONE CONFIGURATION

When you start the application for the first time you will be prompted to enter your personal information. You can cancel this adjustment and do it manually later on. Here is the buttons of the phone.

Put some audio software name.nch.com.au software

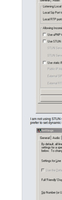
If you need a wizard to set or readjust your audio and network settings you can find them in the Tools menu. Choose Audio Setup Wizard or Network Setup Wizard. You can also adjust these settings in the Options dialog box. Click the Tools button on the main menu choose TalkSettings or ViewSettings.

Here is how the wizard helps you to fix the audio settings.

Use USB sound card so I have chosen the appropriate settings for my audio device. In most of the cases the soundcard is fine.

Select the recommended options and click Finish to close the wizard.

To View enable adjust all the other entire settings click the Settings button.



Here I prefer to leave the default settings. As you see you can adjust the softphone not to initialize at your system startup. Further on the Audio settings which you have to be if you have a USB device and the sound is busy.

The next step is the Network setup which again can be done with wizard I support from the main menu – Tools/network Setup Wizards

I am not using STUN servers and static IP address so I leave these options unchecked. I prefer to set dynamic IP address.

In Linux systems you have to register the user that will use the softphone and your softphone server. Click the Tools button on the main menu and choose the Add a new user/extension wizard – as this phones is SIP client you can register just SIP users.I choose the first option – Add a new user/extension to my phone system. Then I choose the regular user-called "myself" on my Asterisk's server IP address – 10.0.0.200. If you do not know your IP address you can find it by typing ifconfig in the Linux shell. Then you are logged in the server. I will show you below the asterisk configuration for the user.

From ViewsAddress Book you can look at your Address Book – add new user and contact them easily and directly from the address book.

ASTERISK CONFIGURATION

This shows how the user is registered in **sip.conf**

type=friend

This is how the user can place and call and can be called.

secret=mysecret

This is the secret word that you have to type when doing the lines settings for the softphone.

context=home

This is the context that will provide the valid extensions for the user.

host=dynamic

This is set dynamic which means that you can use the phone from different locations and within your local network. If you wish you can set a static IP address here.

Now we will write the extension at which the user can be contacted.

As you see above when someone dials **1234** he/she will contact the user that we have registered in sip.conf with the name myself. Now we will see how we can add an extension number **1234** which does the user.

You will enter the standard extension when you dial Asterisk number:
exten => 1234,1,Dial(SIP/myself,20,tr) – myself is the user
exten => s,2,Hangup, – myself, you is the standard extension at priority 1

The standard extension Answers you after a second, and all called data which is available will be displayed in the CLI. Next a extension message is set and queue are to send to the voicemail. When you leave the message a goodbye message is played and the call is hung up.

To register a voicemail go to **/etc/asterisk/voicemail.conf**. Here is how I do this.
vi /etc/asterisk/voicemail.conf

Then in **voicemail.conf**
[core-test],
1234 => 1111,voicemail control

1111 => 1111,secret,myself@domain
register mailbox **1111** with password **1111** in the user account that host email **myself@domain**.

Note: Remember to **reload** Asterisk every time you make any changes to the configuration files. Just go to the CLI and type reload.

For more information about how to make the configurations in the **Asterisk**'s configuration files please read our tutorial about the Configuring IP Phones for use with Asterisk.

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how i recharge the express talk with Account-formate is call????