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How to get the Skype plugin to work with Eclipse/ECF on Linux (Ubuntu)

Install Eclipse

```
root@MyGutsy:/home/ted# cd /opt/eclipse3.4RelBuildSkype/
root@MyGutsy:/opt/eclipse3.4RelBuildSkype# ls
eclipse-SDK-3.4-linux-gtk.tar.gz
root@MyGutsy:/opt/eclipse3.4RelBuildSkype# gunzip eclipse-SDK-3.4-linux-gtk.tar.gz
root@MyGutsy:/opt/eclipse3.4RelBuildSkype# tar xvf eclipse-SDK-3.4-linux-gtk.tar
```

Create a launcher. The executable is

```
/opt/eclipse3.4RelBuildSkype/eclipse/eclipse
-vm /opt/sunjava6_u3/jdk1.6.0_03/jre/lib/i386/client/libjvm.so
```

I chose to specify the vm. The icon for the launcher is in the following directory (you have several to choose from).

```
/opt/eclipse3.4RelSkype /eclipse/plugins/org.eclipse.sdk_3.4.0.v200806172000
```

Add the following repository locations:

```
Connection type: pserver
User: anonymous
Host: ecf1.osuosl.org
Repository path: /ecf

Connection type: pserver
User: anonymous
Host: cvs.sourceforge.jp
Repository path: /cvsroot/skype

Connection type: pserver
User: anonymous
Host: dev.eclipse.org
Repository path: /cvsroot/technology
```

Install ECF

The ECF update location is http://download.eclipse.org/technology/ecf/2.0/3.4/updateSite/site.xml .

Checkout `com.skype`, `com.skype.examples`, `com.skype.linux.x86`, `com.skype.tests`, and `com.skype.win32.win32.x86` from `cvs.sourceforge.jp`.

Checkout `org.eclipse.ecf.provider.skype` and `org.eclipse.ecf.provider.skype.ui` from `ecf1.osuosl.org`.

I get a couple of errors.

```
An error occurred while automatically activating bundle org.eclipse.ecf.provider.jslp (203).
An error occurred while automatically activating bundle ch.ethz.iks.slp (170).
```

Close Eclipse and restart. I don't see errors this time. Curious.
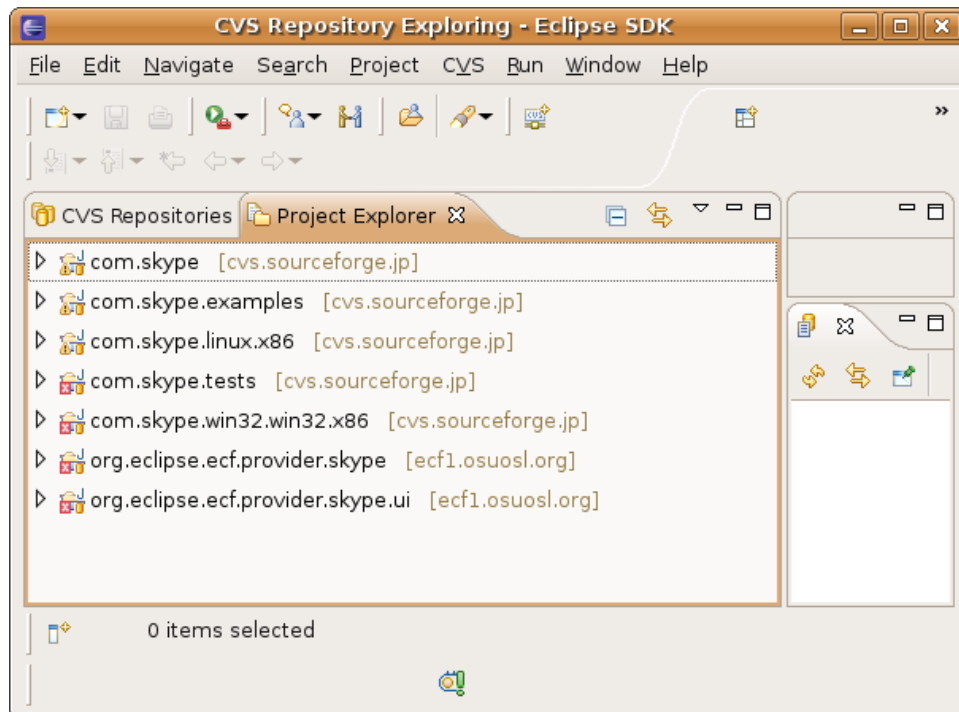
Build the Skype plugin

Open up the Plugin Development perspective.

```
File -> Export -> Plugin Development -> Deployable Plugins and Fragments
```
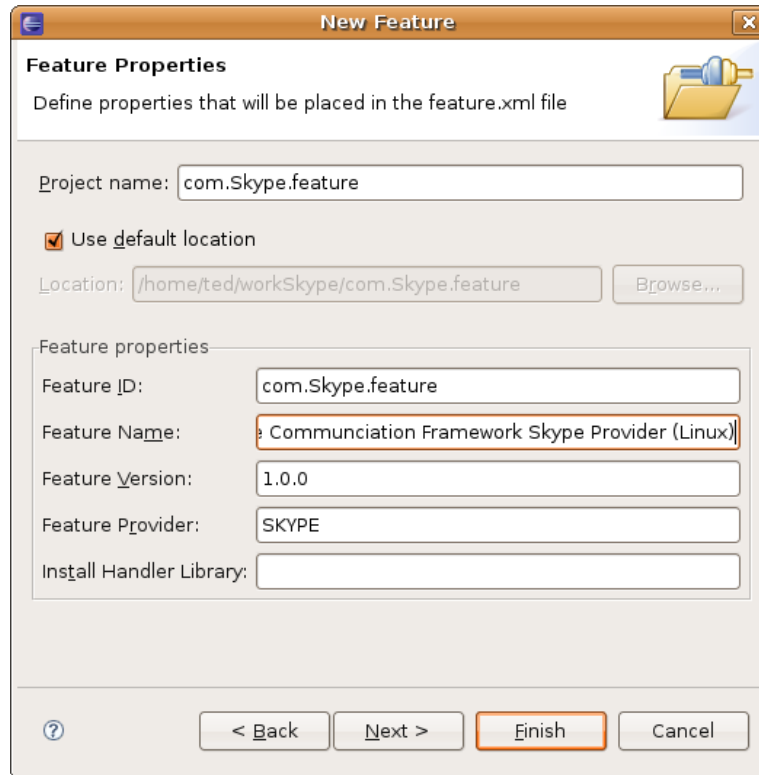
Choose the plugins `com.skype`, `com.skype.linux.x86`, `org.eclipse.ecf.provider.skype`, and `org.eclipse.ecf.provider.skype`. Chose to put the plugins in `/home/ted/SkypeFiles/SkypePlugins`. Click `Finish`.

```
ted@MyGutsy:~/SkypeFiles/SkypePlugins$ ls
plugins
ted@MyGutsy:~/SkypeFiles/SkypePlugins$ ls -l plugins/
total 272
-rw-r--r-- 1 ted webmasters 142360 2008-07-16 10:49 com.skype_0.3.0.200807161749.jar
-rw-r--r-- 1 ted webmasters  22483 2008-07-16 10:49 com.skype.linux.x86_0.2.0.200807161749.jar
-rw-r--r-- 1 ted webmasters  67066 2008-07-16 10:50 org.eclipse.ecf.provider.skype_1.5.0.qualifier.jar
-rw-r--r-- 1 ted webmasters  30518 2008-07-16 10:50 org.eclipse.ecf.provider.skype.ui_1.4.0.qualifier.jar
```
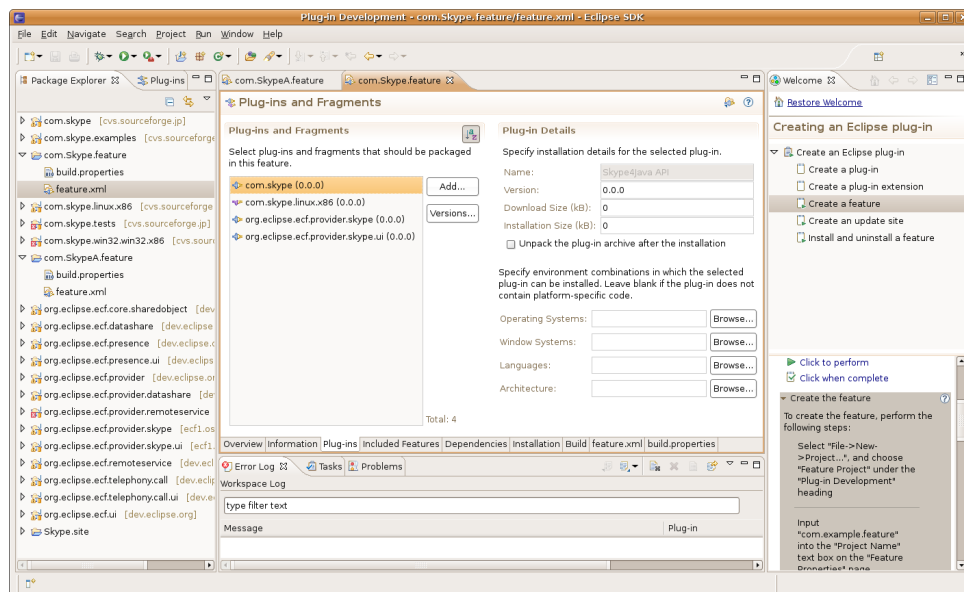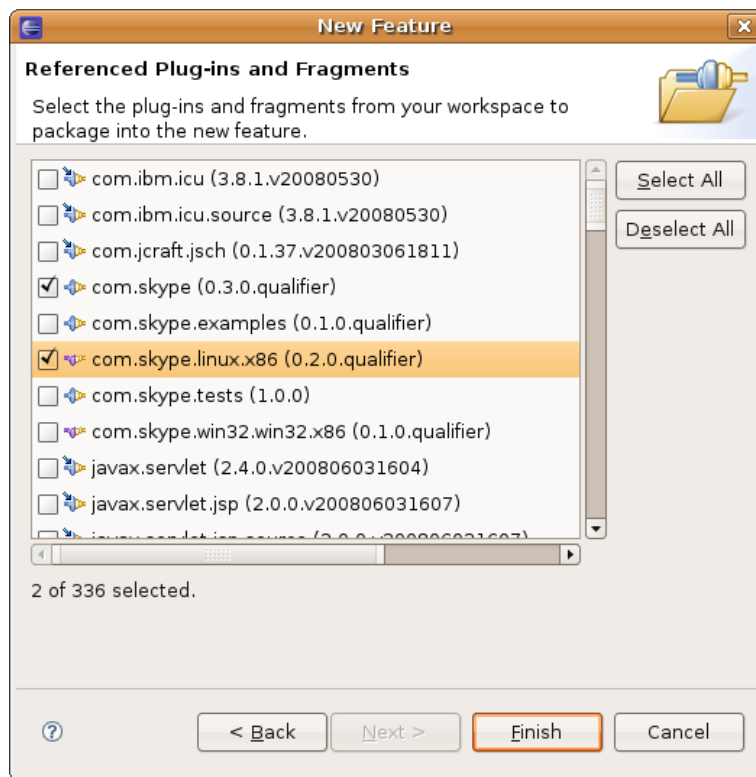
Create a Feature

Make a feature project. The project name is `com.Skype.feature`. The Feature Name is `Ecipse Communication Framework Skype Provider (Linux)`.

Click `Next`. Select the referenced plugins (the four plugins in the feature).

Click on the Information tab and add a feature description, a copyright notice, and a license agreement.

Create an Update Site Project

Make an Update Site project. I chose `SkypeA.site` because I already had a `Skype.site`. Click `Finish`.

You then see the site editor. Choose the Archives tab and enter a URL and a description. The URL is not all that important at this point because typically we just copy all the update site files to an update server, and for Skype this is http://ecf1/osuosl.org
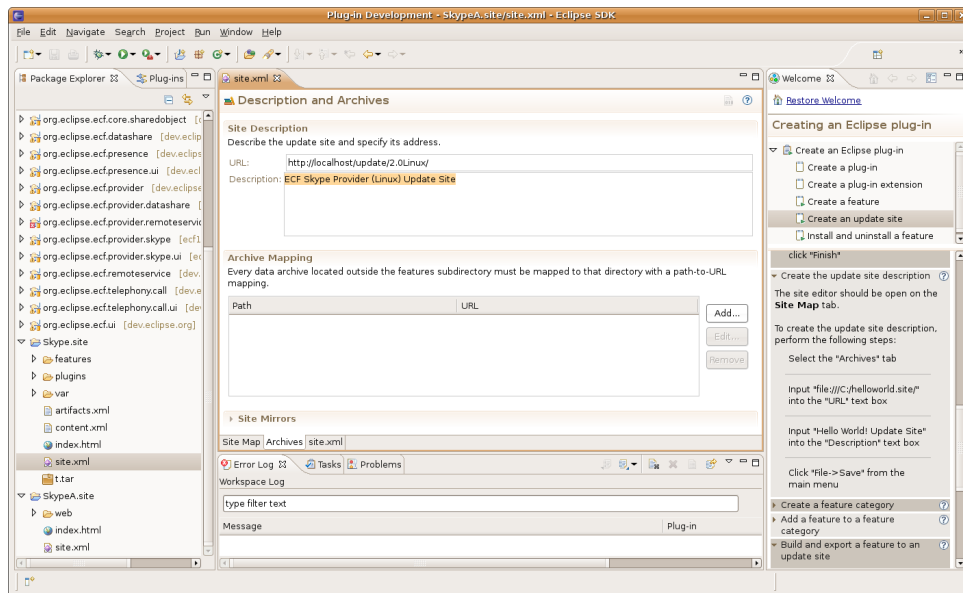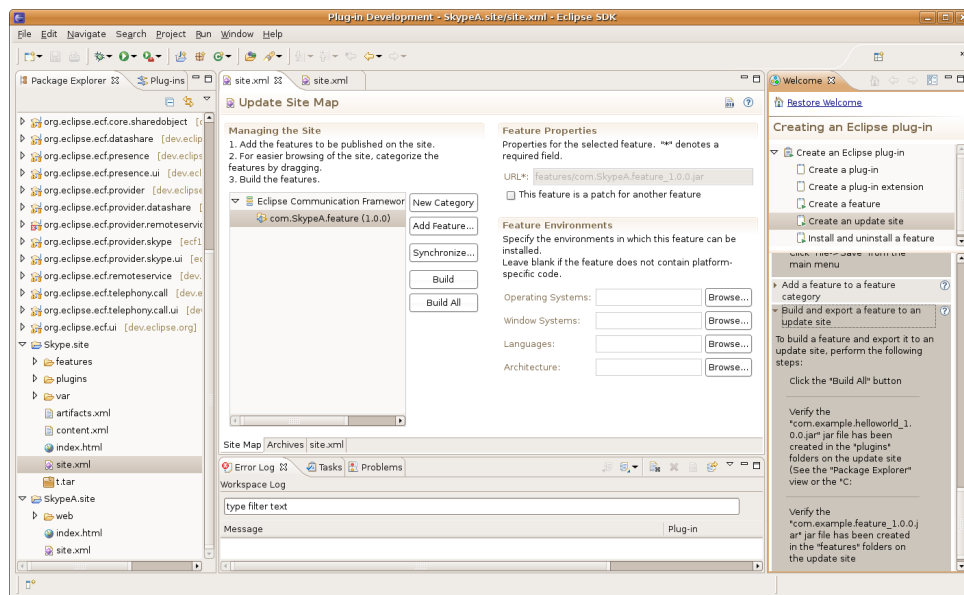
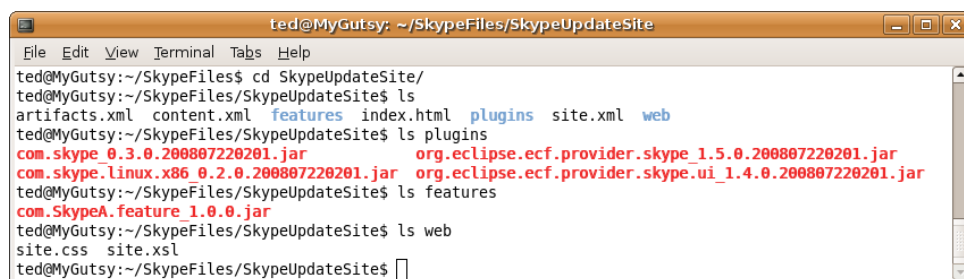Click on Site Map. Create a new category and for name and label, put in `Eclipse Communication Framework (EC) Extras`.
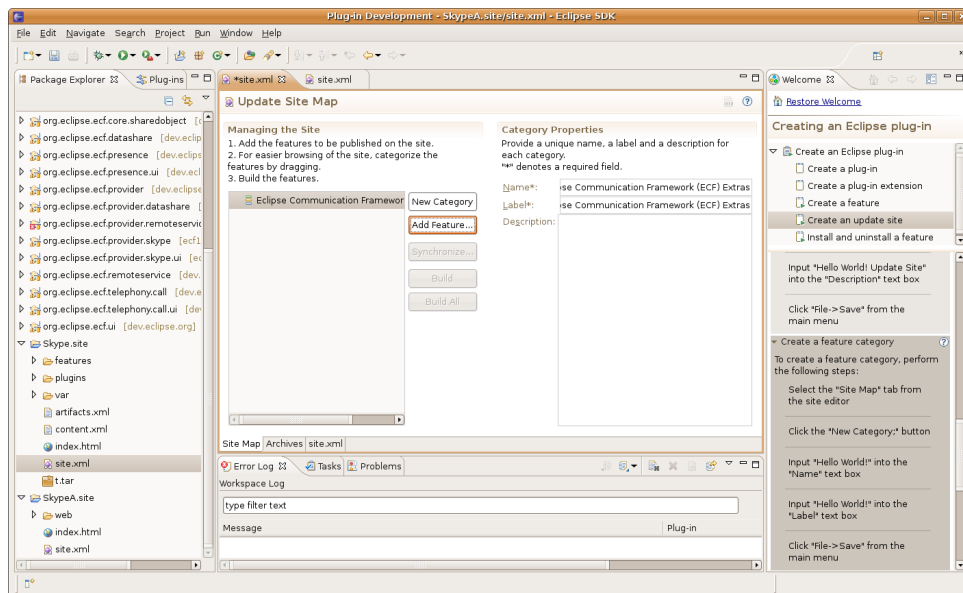
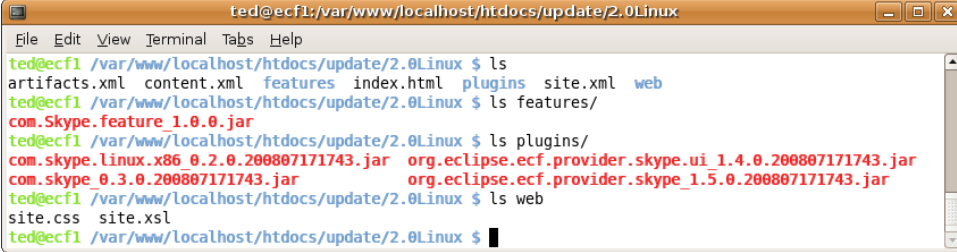Then, click on `Add Feature` and select the feature you made previously.
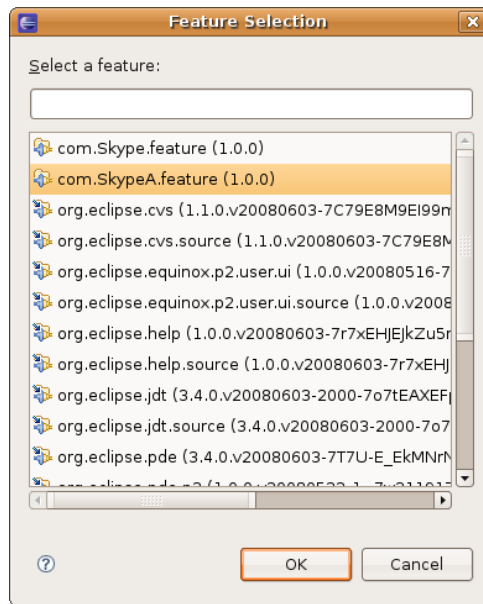
Then, save `site.xml` (`File->Save`). Then click `Build All`.

Here's what happened.

Copy all that stuff over to `ecf1`.