

“Lucane quick start guide”

How to install the groupware solution Lucane on Mandriva Linux LE 2005?

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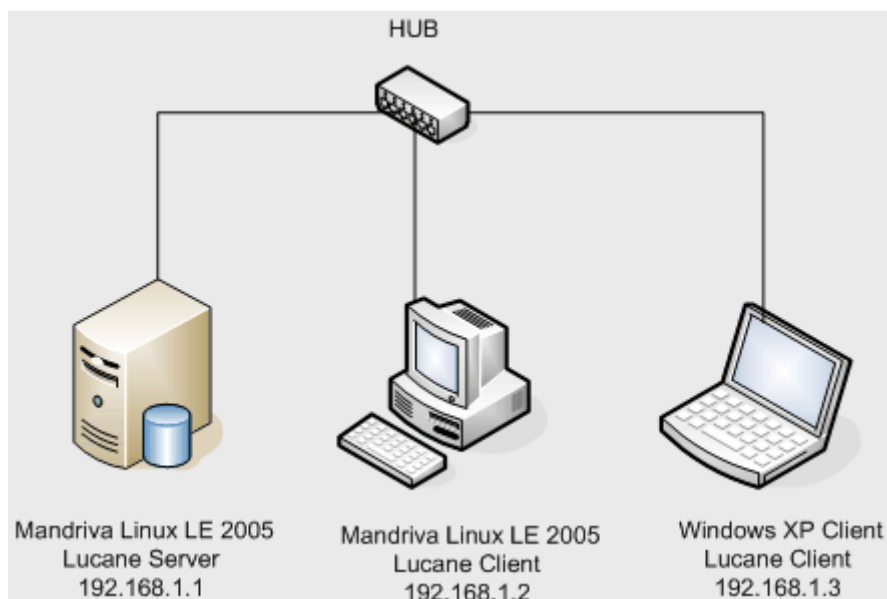
Introduction

Lucane is an open source groupware solution that doesn't require remarkable installation and configuration time. It is simple to use and has a modular architecture including all needed groupware modules like email-client, instant messaging, shared folders, calendar, white board, forums and more.

This short article will help you to start with Lucane in a Linux and Windows environment and should give you in impression how easy it is to install and to use.

Lucane is written in Java and was running without any problems in our test environment consisting of Linux servers and clients and a Windows XP client. We just need Java (JRE and JVM) and a database (MySQL or Postgres). If you don't want to install a database, Lucane is bundled with HSQLdb and requires no installation. We will use this database to keep it simple.

This workshop setup could look like this:



Step 1 – Linux Server installation

I'm using Mandriva Linux 2005 LE (DVD version) to install the server, but it should work with other Linux distributions as well. First, please make sure to have the packages **j2re-1.4.2_07-1mdk** installed. Please find it on your installation DVD or download it here:

http://rpms.mandrivaclub.com/rpms/mandrivaclub/comm/Development_Java.html

Second, download the Lucane RPM packages here and store it into your installation directory (i.e. /installations):

<http://lucane.org/EN/download/>

The installation is like already mentioned very simple. Just do this:

```
su
cd /installations
rpm -i lucane-0.7.5-1.noarch.rpm
```

Your Linux system will need some time to install Lucane. After that, you will find the application in the following subdirectory:

/usr/local/lucane-0.7.5-bin

You will discover four subdirectories with all files needed for the server, client or proxy setup and the documentation.

Its time to start the server with the following commands. Please watch for errors:

```
cd /usr/local/lucane-0.7.5-bin/server/bin
./server.sh &
```

Lucane is loading all necessary applications and will (hopefully) end with the following message:

INFO: Server is ready.

That's it. How easy can it be?

Step 2 – Linux Client installation and first run

To install a Linux client, you just have to do what you already did on your Linux server. Please repeat the JRE and Lucane installation on your client using the following IP-address: 192.168.1.2

Note: The client should have X-Windows installed and should use KDE or Gnome.

To connect to the Linux Lucane server running on 192.168.1.1, you have to edit the **client-config.xml** file stored in the client **/etc** folder.

In the `<server host="localhost" port="9115" />` line, replace **localhost** with **192.168.1.1**.

Start the client from the console using the following command:

```
cd /usr/local/lucane-0.7.5-bin/client/bin  
./client.sh &
```



Lucane includes the guest and admin account per default. Just login as **admin** using the default password **admin**. The first thing to do will be to change this password. You will be able to start the administration interface and create users, groups, and give them the rights they need. Please take a look at the administration interface help for more information.

Note: I recommend deleting the default guest account after testing Lucane.



If you now turn "Web access" on, then all users are able to access Lucane via a browser. Just choose **Application - Administration - WebConnector** and tick the Enable HTTP check button. Open your preferred browser and point it to <http://192.168.1.1:8080>.

You should see the Lucane Web interface like this:



Step 3 – Windows XP Client installation and use

Please download the Windows installer from here.

<http://lucane.org/EN/download/>

You do not need to install all components. For this workshop you just need the Client installed. The installer will copy all necessary files per default into the following subdirectory:

C:\Program files\lucane\

Please find the configuration file **client-config.xml** in the folder \client\etc. Change it accordingly (see Step 2).

After starting and logging in as a valid user, you will find a small icon on the right side of you desktop. You can run all application with a right mouse click.



Note: If you don't like the default look and feel, then change the following line in the **client-config.xml** file and restart the client:

From:

```
<looknfeel class="com.incors.plaf.kunststoff.KunststoffLookAndFeel" />
```

To:

```
<looknfeel class="com.sun.java.swing.plaf.windows.WindowsLookAndFeel" />
```

You can also use the web interface with your IE or Netscape like described in Step 2.

Additional information and help

You can stop Lucane server as admin using the Linux or Windows client. Please choose **Application - Administration – Shutdown server**.

An OpenSource groupware feature comparison you can find here:

<http://www.lucane.org/EN/documentation/general/comparison.php>

and FAQ here:

<http://www.lucane.org/EN/documentation/general/faq.php>