Antes de la instalación de Liferay comprobaremos que tengamos instado java (minimo JDK 1.8) si no es así lo instalamos

Lo podemos conseguir en los repositorio oficiales de Ubuntu

sudo apt install openjdk-8-jdk

o en

https://www.java.com/es/download/help/linux\_x64\_install.xml

Seguidamente descargamos el paquete de Liferay 6.2

https://sourceforge.net/projects/lportal/files/Liferay%20Portal/6.2.5%20GA6/liferay-portal-tomcat-6.2-ce-ga6-20160112152609836.zip/download

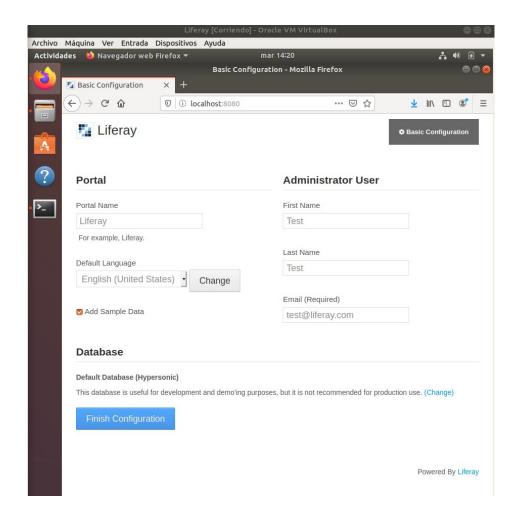
Creamos un directorio en el home del usuario llamado /home/llorens/liferay (llorens se entiende que cada uno tendra su nombre de usuario) y descomprimimos el .zip aquí

Seguidamente le damos permisos de ejecucion al script startup.sh que esta alojado en el directorio

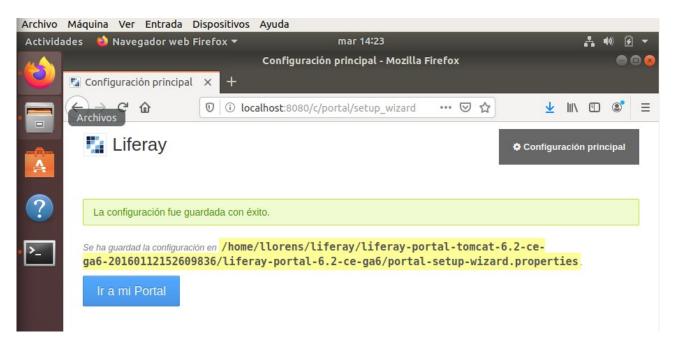
/home/llorens/liferay-portal-tomcat-6.2-ce-ga6-20160112152609836/liferay-portal-6.2-ce-ga6/tomcat-7.0.62/bin/

lo ejecutamos y nos esperamos a que se abra el navegador y nos aparecera una ventana de configuración

```
llorens@llorens-VirtualBox: ~/liferay/liferay-portal-tomcat-6.2-ce-ga6-20160112152609836/l... 🖨 🗇
Archivo Editar Ver Buscar Terminal Ayuda
llorens@llorens-VirtualBox:~/liferay/liferay-portal-tomcat-6.2-ce-ga6-2016011215
2609836/liferay-portal-6.2-ce-ga6/tomcat-7.0.62/bin$ sudo ./startup.sh
[sudo] contraseña para llorens:
Using CATALINA BASE:
                       /home/llorens/liferay/liferay-portal-tomcat-6.2-ce-ga6-20
160112152609836/liferay-portal-6.2-ce-ga6/tomcat-7.0.62
Using CATALINA_HOME:
                       /home/llorens/liferay/liferay-portal-tomcat-6.2-ce-ga6-20
160112152609836/liferay-portal-6.2-ce-ga6/tomcat-7.0.62
Using CATALINA_TMPDIR: /home/llorens/liferay/liferay-portal-tomcat-6.2-ce-ga6-20
160112152609836/liferay-portal-6.2-ce-ga6/tomcat-7.0.62/temp
Using JRE_HOME:
                        /usr
Using CLASSPATH:
                       /home/llorens/liferay/liferay-portal-tomcat-6.2-ce-ga6-20
160112152609836/liferay-portal-6.2-ce-ga6/tomcat-7.0.62/bin/bootstrap.jar:/home/
llorens/liferay/liferay-portal-tomcat-6.2-ce-ga6-20160112152609836/liferay-porta
l-6.2-ce-ga6/tomcat-7.0.62/bin/tomcat-juli.jar
Tomcat started.
llorens@llorens-VirtualBox:~/liferay/liferay-portal-tomcat-6.2-ce-ga6-2016011215
2609836/liferay-portal-6.2-ce-ga6/tomcat-7.0.62/bin$
```



De momento solo cambiamos el idioma y le damos a finalizar configuración



Aceptamos condiciones

#### Welcome

#### 17. Proposed Product and Service Offerings.

All descriptions of proposed products and services are based on assumptions subject to change and you should not rely on the availability or functionality of products or services until they are actually offered through the Site. We reserve the right in its sole discretion to determine how registration and other promotions will be awarded. This determination includes, without limitation, the scope, nature and timing of all such awards.

#### 18. Information and Press Releases.

The Site contains information and press releases about us. While this information was believed to be accurate as of the date prepared, we disclaim any duty or obligation to update this information or any press releases. Information about companies other than ours contained in the press release or otherwise, should not be relied upon as being provided or endorsed by us.

#### 19. Miscellaneous.

This Agreement shall be treated as though it were executed and performed in Los Angeles, CA, and shall be governed by and construed in accordance with the laws of the State of California (without regard to conflict of law principles). Any cause of action by you with respect to the Site (and/or any information, products or services related thereto) must be instituted within one (1) year after the cause of action arose or be forever waived and barred. All actions shall be subject to the limitations set forth in Section 8 and Section 10. The language in this Agreement shall be interpreted as to its fair meaning and not strictly for or against either party. All legal proceedings arising out of or in connection with this Agreement shall be brought solely in Los Angeles, CA. You expressly submit to the exclusive jurisdiction of said courts and consents to extra-territorial service of process. Should any part of this Agreement be held invalid or unenforceable, that portion shall be construed consistent with applicable law and the remaining portions shall remain in full force and effect. To the extent that anything in or associated with the Site is in conflict or inconsistent with this Agreement, this Agreement shall take precedence. Our failure to enforce any provision of this Agreement shall not be deemed a waiver of such provision nor of the right to enforce such provision.

Acepto

No acepto

Instalación de MySQL

Desde terminal instalamos mySQL-server

```
llorens@llorens-VirtualBox: ~/liferay/liferay-portal-tomcat-6.2-ce-ga6-20160112152609836/l... 🖨 🗊
Archivo Editar Ver Buscar Terminal Ayuda
Using CATALINA TMPDIR: /home/llorens/liferay/liferay-portal-tomcat-6.2-ce-ga6-20
160112152609836/liferay-portal-6.2-ce-ga6/tomcat-7.0.62/temp
Using JRE_HOME:
                       /usr
Using CLASSPATH:
                       /home/llorens/liferay/liferay-portal-tomcat-6.2-ce-ga6-20
160112152609836/liferay-portal-6.2-ce-ga6/tomcat-7.0.62/bin/bootstrap.jar:/home/
llorens/liferay/liferay-portal-tomcat-6.2-ce-ga6-20160112152609836/liferay-porta
l-6.2-ce-ga6/tomcat-7.0.62/bin/tomcat-juli.jar
Tomcat started.
llorens@llorens-VirtualBox:~/liferay/liferay-portal-tomcat-6.2-ce-ga6-2016011215
2609836/liferay-portal-6.2-ce-ga6/tomcat-7.0.62/bin$ sudo apt install mysq
                           mysql-testsuite-5.7
mysql-client
mysql-client-5.7
                           mysqltuner
mysql-client-core-5.7
                           mysql-utilities
                           mysql-workbench
mysql-common
mysql-sandbox
                           mysql-workbench-data
mysql-server
                           mysqmail
                           mysqmail-courier-logger
mysql-server-5.7
                           mysqmail-dovecot-logger
mysql-server-core-5.7
                           mysqmail-postfix-logger
mysql-source-5.7
mysqltcl
                           mysqmail-pure-ftpd-logger
mysql-testsuite
llorens@llorens-VirtualBox:~/liferay/liferay-portal-tomcat-6.2-ce-ga6-2016011215
2609836/liferay-portal-6.2-ce-ga6/tomcat-7.0.62/bin$ sudo apt install mysql-serv
```

Despues desde el terminal de MySQL crearemos un usuario con el nombre liferay con password liferay con permisos de editar, consultar, etc y una base de datos que se llame lportal

Despues de la instalación nos vamos a editar este fichero

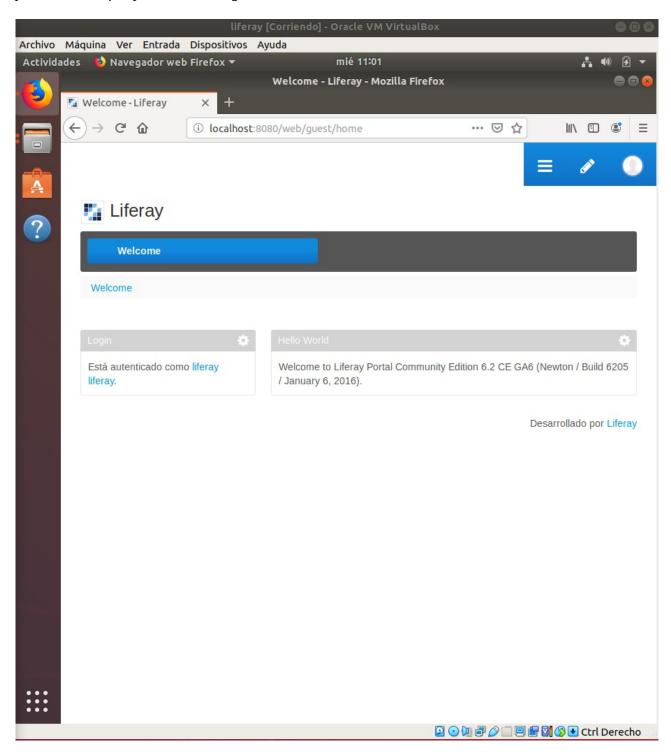
/liferay/liferay-portal-tomcat-6.2-ce-ga6-20160112152609836/liferay-portal-6.2-ce-ga6\$ nano ./portal-setup-wizard.properties/liferay/liferay-portal-tomcat-6.2-ce-ga6-20160112152609836/liferay-portal-6.2-ce-ga6/portal-setup-wizard.properties

Y editamos es archivo con el siguiente texto extraido del pdf instructivo de Liferay

To use the built-in connection pool—based on C3P0—add the template which is provided in Chapter 6 for your particular database. The template for MySQL is provided as an example below.

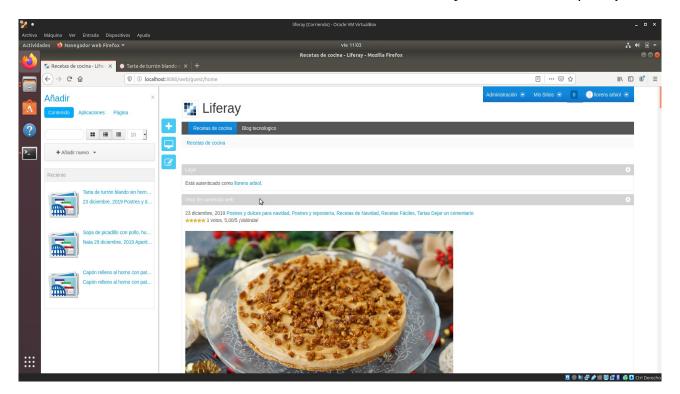
```
# MySQL
# MySQL
#
jdbc.default.driverClassName=com.mysql.jdbc.Driver
jdbc.default.url=jdbc:mysql://localhost/lportal?
useUnicode=true&characterEncoding=UTF-8&useFastDateParsing=false
jdbc.default.username=
jdbc.default.password=
```

Si queremos tambien se puede añadir la base de datos en la primera pagina cuando arranca la primera vez Liferay desde el navegador web.



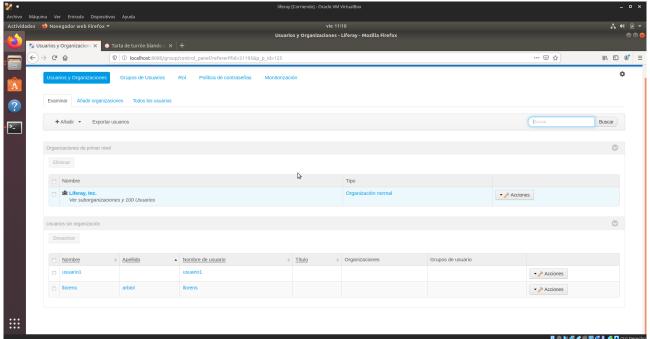
Y ya lo tendremos todo instalado.

Ahora procederemos agregar contenido como indicaba el ejercicio había que insertar 3 recetas de cocina en la pagina principal. Para no alargarlo mucho se muestra en esta captura como he añadido contenido web con estas 3 recetas. El modo de editarlo me parece increíble lo fácil que es.



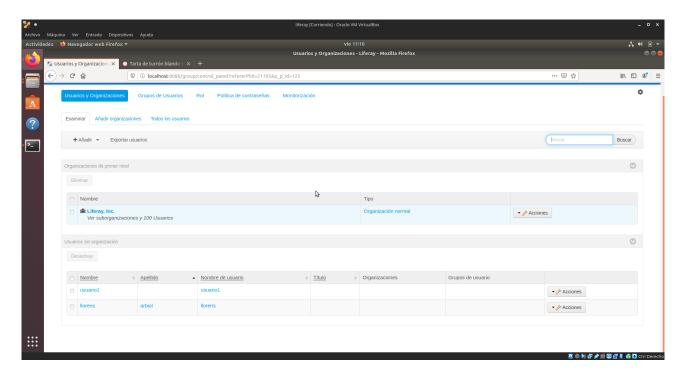
Ahora crearemos 2 usuarios para que ellos pueda añadir en su pagina dos entradas de blog hablando sobre algún articulo tecnológico.

Primero nos iremos a ADMMINISTRACION/PANEL DE CONTROL/USUARIOS

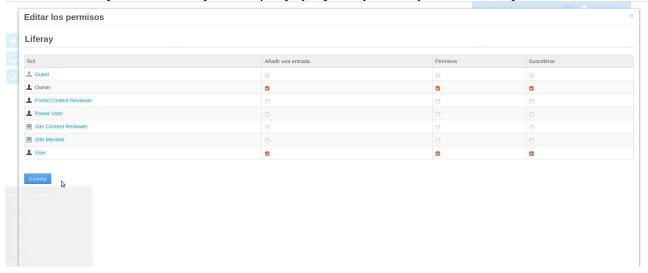


Ahi podremos añadir los usuario en mi caso voy añadir usuario1, usuario2 también agregare un sitio personal donde estará su blog.

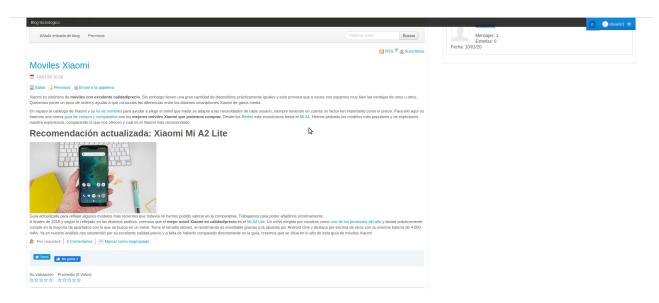
## Creando el usuario2



Una vez creados los usuarios creamos otra pagina denominado Blog tecnológico, donde habilitamos los permisos en le portal Liferay que para que cualquiera usuario pueda editarlo.



Nos logueamos como usuario1 y pulsamos nueva entrada de blog. Como se aprecia ya tiene una entrada que anteriormente añadí.



Se aprecia debajo de la foto como se el autor es usuario1