

# Guía de Instalación

# **Virtual Library for Moodle**

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## 1. Acerca del Autor

Licenciado en Sistemas egresado de la Universidad Nacional del Nordeste (Corrientes - Argentina). Se desempeñó como desarrollador en diferentes empresas del medio.

Amplia experiencia en el uso y desarrollo de software libre. Maneja diferentes lenguajes de programación entre los que se destacan: PHP, C/C++ y JAVA; además posee conocimientos en una amplia variedad de herramientas informáticas tanto para el desarrollo de software como para el uso cotidiano.

Usuario fiel de Slackware Linux, programador simplista y seguidor de la ley de Ockham.

## 2. Sobre este documento

Este documento puede ser distribuido y compartido siempre y cuando se mantengan inalteradas las secciones 'Acerca del Autor', 'Sobre este documento' y 'Sobre el Proyecto "Virtual Library for Moodle", al igual que el encabezado de cada página donde figura el nombre del proyecto y del autor.

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## 3. Sobre el Proyecto "Virtual Library for Moodle"

*Virtual Library for Moodle* nació como un proyecto de Tesis de Grado en el año 2007 cuya idea fue sugerida por una colega, lo que derivó en una investigación profunda sobre diversos temas como bibliotecas tradicionales y virtuales, catalogación de libros y sus estándares, educación a distancia, plataformas educativas, entre muchos otros temas relacionados.

La investigación fue necesaria para brindar un marco teórico a la tesis en desarrollo pero a su vez también para cumplimentar con la metodología de desarrollo propuesta.

Durante el período de duración del proyecto se obtuvo una Beca de Investigación de la Secretaría de Ciencia y Técnica de la Universidad Nacional del Nordeste con la cual se publicaron, en varios congresos y jornadas, diversos artículos derivados del proyecto.

En Mayo de 2008 el proyecto alcanzó la etapa final prevista para su presentación ante el tribunal de evaluación del Trabajo Final de Aplicación (Tesis de Grado) en la cual el proyecto obtuvo la mayor calificación.

Desde ese momento hasta el presente se ha trabajado para crear un ambiente óptimo donde el proyecto pueda crecer y para que todos aquellos que deseen utilizarlo puedan tener acceso de manera gratuita al mismo.

Cómo todo proyecto Open Source éste seguirá avanzando lo más rápido posible gracias a los colaboradores del mismo.

## 4. Lista de todas las versiones publicadas

Archivo	Tamaño	Fecha Publicación
vl4moodle-v0.0.6-beta.tar.gz	299.5 KiB	Sat Aug 22 2009 00:30
vl4moodle-v0.0.1-beta.tar.gz	253.4 KiB	Thu May 14 2009 21:18

## 5. ¿Cómo instalar vl4moodle?

- 1. Descargue el código fuente desde la zona de descargas del sitio oficial (<u>http://vl4moodle.sourceforge.net/</u>).
- 2. Descomprima en un directorio temporal el fichero vl4moodle-vX.X.X.tar.gz, donde X.X.X es el número de versión.

Una vez descomprimido el fichero verá lo siguiente:



Figura 1. Contenido del paquete VL4Moodle.

Ingrese al directorio src/, en él encontrará los siguientes directorios:



Figura 2. Estructura de directorios del bloque de VL4Moodle.



Figura 3. Contenido del directorio de Moodle.

3. Ubique el directorio donde se ha instalado Moodle.

NOTA: La ubicación de este directorio puede variar. Si no está seguro consulte con su Administrador.

Tome de ejemplo la siguiente ruta (en GNU/Linux: /var/www/htdocs/moodle/ y en Windows c:\xampp\htdocs\moodle\)

Dentro del directorio Moodle verá algo similar a lo mostrado en la Figura 3. Note los directorios resaltados, esos directorios coinciden con los mostrados en la Figura 2.

4. Ahora debe copiar todos los directorios desde vl4moodle-xxx/src/ en el directorio de instalación de Moodle.

Hay varias formas de hacer esto, a) usando comandos de consola o MSDOS; b) utilizando un administrador gráficos de archivos (konqueror o Windows Explorer); c) utilizando un administrador de archivos desde la consola (MC o Norton Commander).

a) Copiar utilizando comandos.

En GNU/Linux:

#	cd	vl4moodle-xxxx/src/
#	ср	-R * /var/www/htdocs/moodle/

En MSDOS:

```
\>cd vl4moodle-xxxx\src\
\>copy * /var/www/htdocs/moodle/
```

b) Copiar utilizando Administradores gráficos de archivos.

Entre al directorio **src**/ de VL4Moodle, seleccione las cuatro carpetas, haga click derecho, seleccione Copiar como se muestra en la figura.



Figura 4. Seleccionar y copiar los directorios.

Luego ingrese al directorio de Moodle (podría ser /var/www/htdocs/moodle/ dependiendo de su sistema), y pegue los directorios copiados presionando la combinación de teclas CTRL+V o bien haga click derecho y seleccione Pegar. Vea la figura debajo.

Crear nuevo	
🕈 Aṟriba	Alt+Arriba
🔶 A <u>t</u> rás	Alt+Izquierda
➡ A <u>d</u> elante	Alt+Derecha
🗿 Pegar el contenido del portapapeles:	Ctrl+V
A <u>b</u> rir con	
Previsualizar en	
A <u>c</u> ciones	
Copiar a	
Mover a	
Propiedades	

Figura 5. Pegar los directorios copiados en la carpeta de destino.

c) Copiar utilizando Administradores de archivos desde la consola. Por cuestiones prácticas solo se mostrará el uso de Midnight Commander (conocido como **mc**).

	ms-~/		/vl4moodle/src Konsole	THE OWNER WATER	entre – jo j ×
Left File Command	Options	Right			
_<-/var/www/htdocs/moodle -		v>_	<-~/vl4moodle/src		V>
Name	Size	MTime	Name	Size	MTime
1	UPDIR		1	UPDIR	
/admin	4096 May	/ 15 06:11	/blocks	4096	Jul 21 21:42
/auth	4096 May	21 2007	/lang	4096	Jul 21 21:42
/backup	4096 May	/ 15 06:11	/pix	4096	Jul 21 21:42
/blocks	4096 Jul	21 21:42	/virtual_library	4096	Jul 21 20:55
/blog	4096 May	/ 8 2009			
/calendar	4096 May	/ 15 06:11			
/course	4096 May	/ 15 06:10			
/enrol	4096 May	/ 15 06:11			
/error	4096 Feb	0 1 2008			
/files	4096 May	/ 15 06:11			
/filter	4096 May	/ 15 06:11			
Z			0 bytes in 4 files		
Hint: Bring text back from t	he dead with	h C-y.			
:~/ 1Help 2Menu 3View 4Edi	t 5 <mark>Copy</mark>	6 <mark>RenMov</mark> 7 <mark>M</mark>	moodle/src\$ kdir 8Delete 9PullDn 10Quit		

*Figura 6. Seleccionar los directorios a copiar, presionando la tecla INSERT se seleccionan los archivos.* 



Figura 7. Presionando la tecla F5 se realiza el copiado. En esta pantalla se especifica la ruta de destino en el campo **to:**.

### Guía de Instalación

	mc////////////////////////////////	
Left F /var/www/ / /admin /auth /backup /blocks /blog /calendar /course /enrol /error /files /filter	File       Copy         Source       virtual_library/cataloging_minimal.html         Target       /var/www/htdocs/moodle/virtu~rary/cataloging_minimal.html         File       1         Bytes       2         Count       3         Skip       [Abort ]	V> MTime Il 21 21:42 Il 21 21:42 Il 21 21:42 Il 21 20:55
1	0 bytes in 4 files	
Hint: Bring 1 <mark>Help</mark> 2 <mark>Mer</mark>	text back from the dead with C-y. ;~//vl4moodle/src\$ nu 3 <mark>View 4</mark> Edit 5 <u>Copy</u> 6 <mark>RenMov</mark> 7 <mark>Mkdir 8</mark> Delete 9 <mark>PullDn</mark> 16 <mark>Quit</mark>	[^]

Figura 8. Una vez que se elije la opción OK en la Figura, comienza el copiado de los archivos mostrando esta pantalla de progreso.

5. Abra un navegador web e ingrese la dirección URL http://localhost/moodle/admin/ para completar la instalación.

Moodle encontrará los archivos recién copiados dentro de su directorio y procederá a ejecutar el proceso de instalación de los nuevos componentes encontrados, en este caso el bloque VL4Moodle.

Las figuras siguientes muestran lo que usted verá durante este proceso, por cuestiones de espacio solo se muestra el inicio y el final de la instalación.



Figura 9. Inicio del proceso de instalación.

Las tablas de Biblioteca Virtual han sido instaladas correctamente
Continuar

Figura 10. Al finalizar el proceso debería mostrar (si no hubo errores) una leyenda de éxito junto con el botón **Continuar**.

Finalmente el bloque ha quedado instalado, solo resta ingresar a Moodle como Administrador y agregar el bloque a los cursos que se desee.

## 6. Inicio Rápido





## 7. Sitio Web del proyecto

El sitio web oficial del proyecto es <u>http://vl4moodle.sourceforge.net/</u> en el cual encontrará toda la información acerca de VL4Moodle.



Figura 11. Vista de la web oficial.

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