

MAKE A DESKTOP APP WITH WORDPRESS AND EXEOUTPUT FOR PHP

An ExeOutput for PHP tutorial

Make a desktop app with WordPress

ExeOutput for PHP is a PHP to EXE compiler that can compile PHP websites into stand-alone apps for Windows. With it, you can use WordPress to create offline desktop apps that do not require any web server. This tutorial shows you all the steps from the configuration of WordPress to the distribution of your WordPress-based app.

Learn more about ExeOutput for PHP at http://www.exeoutput.com

I. Prepare WordPress source directory

I.I Download WordPress from wordpress.org

You can get the latest WordPress package at https://wordpress.org/download/

I.2 Create a folder where we will place all files (project, EXE, source files...). For instance, "wordpress" in "Documents":



1.3 Create another folder named "source" under the new "wordpress" folder:

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I.4 Unpack the Zip archive to the "source" folder:



Page 4

1.5 Go back to the initial "wordpress" folder and create a "Data" subfolder:



This "Data" subfolder will be used by the PHP application to store its files such as WordPress themes, configuration files, temporary files and so on.

I.6 Navigate to "wordpress\source\wordpress" location and choose the "wpcontent" folder. Then right click and click Cut.



I.7 Go back to the "wordpress\Data" folder you created previously, create a "wordpress" folder, enter it and choose Paste to move the "wp-content" folder to the new location:



You should consider that all files in the "source" folder will be read-only when compiled with ExeOutput for PHP. "wp-content" shouldn't be read-only, that's why we are moving it to the "Data" folder.

2. Start ExeOutput for PHP and install necessary add-ons by running the Web Update utility

WordPress requires some additional packages such as MySQL. If you have already run the Web Update utility of ExeOutput for PHP, you can skip the following steps.

2.1 Click "Check for Updates" or the corresponding icon



2.2 The "Web Update" utility is shown. Click "Check" (make sure you have an active Internet connection)

ExeOutput for PHP - Web Update	_		\times		
Updates for ExeOutput for PHP					
Welcome to the ExeOutput for PHP Web Update utility. This program lets you download the latest updates available for ExeOutput for download additional features (language files, tutorials, samples) not shipped distribution.	or PHP. It ed with th	can also e initial Se	etup		
The first step consists in downloading the update information file from the host server at www.exeoutput.com When you are ready, press Check to continue or Close to exit.					
For further information, you can click on Help or go to: http://www.exeoutput.com					
Check Abort		Help			

2.3 Make sure that "MySQL" and "Adminer" packages are selected and click Install

🔬 Choos	e Additional Packages	-		Х
6	The following packages are available Select a package in the list to learn more about it. Use the check you want to install the package or not. When you are ready, click Install to continue or Cancel to exit.	for d	ownlo decide whe	ad: ether
	 ✓ Windows XP Compatibility Pack ✓ UPX (make EXE files smaller) ✓ MySQL package for ExeOutput for PHP ✓ Skin Editor ✓ Adminer package for ExeOutput for PHP 			
	This package installs files necessary for ExeOutput for PHP to Windows-XP-compatible applications. Version: 2.0.0. Package Size: 27 Mb.	build		
	Install		Abort	

Follow instructions when required. When all updates are installed, click Close and return to ExeOutput for PHP.

- 3. Create the PHP application project with ExeOutput for PHP
- 3.1 In ExeOutput for PHP, choose "New Application"



The "New Application" Wizard is then displayed. Choose "Next" on the Welcome page

3.2 When you are prompted for the "Source Folder Path", select the "wordpress\source" location and click Next

Starting a new project	×
Welcome Start a new PHP application Source Folder Path Folder with your source files Index page of	f your website
Please select the source folder on your computer that contains your source files: PHP files and other addition files (HTML, CSS, JS, assets): it will be the root of your compiled website. All files inside this folder and its sub by default, be compiled into the application.	al website folders will,
source	*
This PC	
Documents 	=
Data	
Downloads	
Distures	-
\Documents\wordpress\source	Paste
Help < Back Next >	Cancel

3.3 Select the "source\wordpress\index.php" file for the index page of your website and click Next

Starting a new project	
Source Folder Path Folder with your source files Index Page Index page of your website	Application GUI/Console Default components of your
Like websites, a compiled publication needs an index page : this is the first page displayed application is run. Please use the list below to choose it.	to end users when your
source	A
🖕 📊 wordpress	
🗄 🖳 wp-admin	
· wp-includes	
index.php	
Icense.txt	=
e readme.ntmi	
wp-blog-beader.nhp	
wp-comments-post.php	
wp-config-sample.php	
wp-cron.php	
wp-links-opml.php	
wp-load.php	
wp-login.php	_
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3.4 Define what kind of GUI you want for your PHP application. ExeOutput for PHP can include a ribbon for instance:

Starting a new project
Index Page Index page of your website Application GUI/Console Default components of your Output File Path to the created EXE file
ExeOutput for PHP allows you to completely customize the interface of your application. Please choose whether you want to create a console application (no window) or a Windows GUI application . For the latter, you have to select the GUI theme you would like to set up by default. You can change it later.
Console application (no window - PHP runs in CLI mode)
Browser with classic toolbar and menubar (GUI application)
 Browser with ribbon and application menu button (GUI application)
🔲 Make GUI application compatible with Windows XP (use Chromium v49 - Cef v3.2623) - can be changed later
A Back Next > Cancel Cancel

If you want to support Windows XP, tick the corresponding option

3.5 You are prompted for the location of the output application executable file which is used to launch the application on Windows. Click the Browse button and be sure to select the "wordpress" root folder:



3.6 Choose a title for your new application:

Starting a new project	P.P.	X			
Index Page Index page of your website	Application GUI/Console Default components of your	Output File Path to the created EXE file			
ExeOutput will generate a Windows executable file sounds, scripts, etc) are compressed and compiled users. Please provide the path of the EXE file you want to	e: all source files (PHP, HTM) d into a stand-alone executal create. The destination direc	pages and resources like images, ble file, ready to be distributed to your end ctory must not be write-protected .			
Executable Output File:					
\Documents\wordpress\wpdemo.exe		6			
You need to give a title to your application: this con Windows task bar when the public Application Title: WordPress Demo	sists in a short sentence tha	t will appear on all dialog boxes and in the			
Click Finish to continue: your new project will be ready after this wizard is closed.					
Help		2 < Back < Emish Cancel			

3.7 Your application project is ready: first, save it as an EXOP file:

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Main Window Skin F	Properties Components	Language Dialog Box	es Scripting Messag	es	
User	Interface	Localization	Customize Behavio	ir	
How do you want t	to change the main win	dow of your applicatio	n?		
The application offers	a <mark>main window</mark> where end	users can browse and view	vyour website pages. First p	lease specify a title for the m	ain window; to display the
current document's tit	le, use the %DOCTITLE% va	ariable in your text.			
Window Caption:					
WordPress Demo - %L	JOCIIILE%				
You can then define th	e state of the main windo	w: its position, size and bo	rder style can be customize	d.	
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Display a custom-si	ized window: Width:				
Dicplay a maximizer	Height:	a Auto	o-Sizer		
C Display a maximized	a window				
Allow end users to re	size the window				
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Save user defined wi	ndow position				
Always center the wi	ndow				
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The EXOP project file contains all settings of ExeOutput for PHP. Thus, you can easily load your project later and find all of your settings again.

4. Configure your PHP application

4.1 Choose the PHP version you want to use. For instance, the last supported is PHP 7.1:

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	PHP and Conte	ent Options		
PHP Version and General Opti	ons			
You can choose which PHP versior General options affect how the PH PHP Version: 7.1	P engine works. Mor	Varning: changing the PHP ve re options can be configured i /arning: this PHP version does	rsion will automatically n the PHP.ini file. not work with Window	r reset PHP.ini and the list of PHP extensions available. rs XP
Disable OPcache extension				
🔲 Use an absolute path for the vir	tual "Data" subfolde	r: X:\Data\		
Display the following URL at applic	ation startup instead	d of homepage:		
Optional: if blank, the homepage	will be displayed at s	startup		
Additional file extensions that shou	uld be processed with	h PHP:		
Reroute all non-file requests su	ch as directories to t	he homepage (useful for PHP	frameworks which use	an index.php router script)
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4.2 WordPress uses MySQL to store its data. We have to enable the

corresponding MySQL extension in PHP: choose "php_mysqli.dll", right click and click "Compile to EXE"

File Manager Application Settings PHP Settings Security Output	🔊 🗛 🖓 🛥 🙉 🍐
	🙂 🖬 👗 🗩 🕷 🥟
Main Settings PHP Extensions PHP.ini Debugging String Protection MySQL Support	
PHP and Content Options	
Which DUD automoions do you want to include?	
which PHP extensions do you want to include?	
If your compiled PHP website uses extensions, please enable them below. Moreover, it is possible to compile these extensions directly into the	final EXE or leave them
as external: right click on an item to change options.	
Extension Name Status Description	-
Marchienfo.dll Not Used fileinfo	
bpp_ftp.dll Not Used FTP	
Mag php_gd2.dll Not Used GD imaging	
bp_gettext.dll Not Used GetText	
Mg php_gmp.dll Not Used GNU GMP support	
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😹 php_ldap.dll Not Used LDAP	
Multibyte String Functions	
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hp_oci8_12 Not Used	
A php_odbc.dl Compile into the EXE	
php_openss Copy in the "Data\ext" subfolder - Outside the EXE	
2 php_pdo_firebird.dll Not Used Firebird driver for PDO	
ghp_pdo_mysql.dll Not Used MySQL driver for PDO	
Mg php_pdo_oci.dll Not Used Oracle (OCI) driver for PDO	
Mag php_pdo_odbc.dll Not Used ODBC driver for PDO	
🕍 php_pdo_pgsql.dll Not Used PostgreSQL driver for PDO	•
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4.3 Repeat the same steps for the PHP mbstring extension:

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	PHP and Cor	ntent Options				
Which PHP extensions	do you want to includ	le?				
If your compiled PHP web as external: right click on a	site uses extensions, pleas n item to change options.	e enable them belo	w. Moreover, i	t is possible to comp	ile these extensions directly into the final EXE or leave	e them
Extension Name	Status	Descrip	tion			-
😹 php_fileinfo.dll	Not Used	fileinfo				
😹 php_ftp.dll	Not Used	FTP				
😹 php_gd2.dll	Not Used	GD ima	ging			
😹 php_gettext.dll	Not Used	GetText				
😹 php_gmp.dll	Not Used	GNU GN	VP support			
😹 php_hello.dll	Not Used	php_he	llo.dll			
😹 php_imap.dll	Not Used	IMAP				
😹 php_interbase.dll	Not Used	InterBas	e			=
🍇 php_intl.dll	Not Used	Internat	ionalization			
🍇 php_ldap.dll	Not Used	LDAP				
php_mbstrii Not	Used		Func	tions		
M php_mysqli	nile into the EXE					
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M php_pdo_odbc.dll	Not Used	ODBC o	river for PDO			
M php_pdo_pgsql.dll	Not Used	Postgre	SQL driver for	PDO		Ŧ
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4.4 Then we have to prepare the MySQL server portable which will manage the wordpress database. Click "MySQL Support" and "Copy MySQL server files to destination folder"

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File Manager A	pplication Settings P	HP Settings Security	Output	@ 🕁 🖉 💆 😡 🔌	
			_ 1		
Main Settings PHP Extension	ns PHP.ini Debug	ging String Protection	MySQL Support		
	PHP and Content (Options			
Do you want to include su	pport for MySQL?				
Use the following tools to inclue must be first installed on your c	de a portable MySQL serve omputer. <u>Learn more abou</u>	r (MariaDB) with your comp ut using this MySQL server.	iled PHP application.	The additional MySQL package for ExeOutput for PHP	
1) Prepare and configure the My	SQL Portable Server				
You will be prompted for some subfolder is placed in the same	settings. Then, all files required folder as the application E	uired by the MySQL portabl XE output file. You must inc	e server will be copied lude this entire folder	l into a "MySQL" subfolder and configured. This when you distribute your application.	
Copy MySQL ser	ver files to destination fold	ler 2			
2) Create databases and manage	e them with Adminer				
To manage databases of the po Adminer is a database manager <u>ExeOutput for PHP</u> must be first	rtable MySQL server, ExeOr nent tool written in PHP. A t installed on your comput	utput for PHP can place a te After that, you can safely rer er.	mporary copy of Adn nove the Adminer too	niner in the same folder as the EXE file and run it. I from the folder. The <u>additional Adminer package for</u>	
Place a copy of Adminer and run it					
3) Associate your PHP application	on with the MySQL Portab	le Server			
First, be sure to enable the <u>MySQLi PHP extension</u> so that your PHP application can handle MySQL. Then, you can configure your application to automatically start the MySQL server when it is run, and stop it when the application exits. Warning: do not change root password yourself. If you have to change it, use the first step above again.					
Warning: do not change root password yourself. If you have to change it, use the first step above again.					
wpdemo.exop	GUI App				

4.5 You are prompted for the root password and connection port. Enter the values you want (or keep the default 3306 port).

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File Manager Ap	plication Settings P	HP Settings	Security	Output	@ 🕁 🖉 😼 😡 🔑
Main Settings PHP Extension:	s PHP.ini Debug	ging String Options	Protection		
Do you want to include sup	port for MySQL?				
Use the following tools to includ must be first installed on your co <u>1) Prepare and configure the My</u> You will be prompted for some s	e a portable MySQL serve mputer. <u>Learn more abor</u> SQL Portable Server ettings. Then,	r (MariaDB) wit ut using this My	h your comp / <u>SQL server</u> .	iled PHP applicatio	on. The <u>additional MySQL package for ExeOutput for PHP</u>
Subfolder is placed in the same for	er files to desti	ssword Port	wpdemo1 3306		when you distribute your application.
To manage databases and manage Adminer is a database managem ExeOutput for PHP must be first	able MySQL sc. ent tool written in PHP. A installed on your comput of Adminer and run it	fter that, you c er.	OK an safely rem	Cancel	niner in the same folder as the EXE file and run it. ool from the folder. The <u>additional Adminer package for</u>
3) Associate your PHP applicatio First, be sure to enable the MySQ start the MySQL server when it is Warning: do not change root pas Start and stop the MySQL se	n with the MySQL Portab Li PHP extension so that run, and stop it when the sword yourself. If you ha erver automatically	e Server your PHP applic application exi ve to change it,	cation can ha its. use the first	ndle MySQL. Ther step above again.	n, you can configure your application to automatically
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Be sure to write down these values because you will be asked for them again.

4.6 The MySQL server is started (do not close the console window) and, when it is ready and listening, click OK.

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File Home Share View	Main Settings PHP Extensions PHP.ini PHP and	Content Ontions
\leftarrow \rightarrow \checkmark \uparrow \square \Rightarrow This PC \Rightarrow Documents \Rightarrow	Do you want to include support for MyS0	
^ Name	Use the following tools to include a portable MvS	SOL server (MariaDB) with
Desktop	must be first installed on your computer. Learn n	nore about using this MySt
Downloads * [wndemo.exon] - EveC	1) Prenare and configure the MvSOL Portable Ser	ver
Documents\wordpress\mysql\bi	hen, all	l files required by the MySC lication EXE output file. You
:07:09 3552 [Warning]	or connections	-
24	destin	ation tolder
:07:10 3552 [Note] In :07:10 3552 [Note] In	OK h Adm	iner
:07:10 3552 [Note] In :07:10 3552 [Note] InnoDB: _mm_lfence	Adminer is a database management tool written	ver, ExeOutput for PHP car in PHP. After that, you car
:07:10 3552 [Note] InnoDB: Compressed :07:10 3552 [Note] InnoDB: Using gene	ExeOutput for PHP must be first installed on you	r computer.
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:07:10 3552 [Note] InnoDB: Highest su :07:10 3552 [Note] InnoDB: 128 rollba	a	
:07:10 3552 [Note] InnoDB: Creating : :07:10 3552 [Note] InnoDB: zip dict a	 Associate your PHP application with the MySC 	QL Portable Server
:07:10 3552 [Note] InnoDB: Waiting fo	First, be sure to enable the <u>MySQLi PHP extension</u>	n so that your PHP application evits
	[wpdemo.exop] - ExeOutput for PH	iP 2 🗖 🛛 🖉
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📮 🍯 🖥		
Main Settings PHP Extensions PHP.ini De	ant Options	
Do you want to include support for MySQL2	ent options	
Use the following tools to include a portable MySQL s	erver (MariaDB) with your compiled PHP application	. The additional MySQL package for ExeOutput for PHP
must be first installed on your computer. Learn more a	about using this MySQL server.	
1) Prepare and configure the MySQL Portable Server [wpdemo.ex	op] - ExeOutput for PHP 2	
You will be prompted for some settings. subfolder is placed in the same folder as	e MvSOL server is ready and configured	to a "MySQL" subfolder and configured. This hen you distribute your application.
to	work on port 3306	
Copy mysqt server mes d		
2) Create databases and manage them w	ОК	
To manage databases of the portable My Jocc server, c Adminer is a database management tool written in PH <u>ExeOutput for PHP</u> must be first installed on your com	IP. After that, you can safely remove the Adminer too puter.	nmer in the same folder as the EXE file and run it. ol from the folder. The <u>additional Adminer package for</u>
Place a copy of Adminer and run	it	
3) Associate your PHP application with the MySQL Po	rtable Server	
First, be sure to enable the <u>MySQLi PHP extension</u> so t start the MySQL server when it is run, and stop it wher Warning: do not change root password yourself. If you	hat your PHP application can handle MySQL. Then, y n the application exits. u have to change it, use the first step above again.	you can configure your application to automatically
Start and stop the MySQL server automatically		

Page 22

4.7 For your information, MySQL files were created and placed in this folder:



4.8 Back to ExeOutput for PHP, we must create the database required for WordPress. Start Adminer:

		r		L. Free Output for DI	
		ſwţ	odemo.exop	J - EXECUTPUT for Pr	
File Manager A	pplication Settings	PHP Settings	Security	Output	i 🛛 🖉 🖉 🖉 🖓 🖗
1		$\overline{\mathbf{o}}$			
Main Settings PHP Extension	ns PHP.ini Deb	💛 uqqing Strinc	Protection	MySQL Support	
-	PHP and Conter	at Ontions			
		it options			1
Do you want to include sup	port for MySQL?				
Use the following tools to includ must be first installed on your of	le a portable MySQL ser	ver (MariaDB) wit	h your comp	iled PHP application	n. The additional MySQL package for ExeOutput for PHP
			<u>, , , , , , , , , , , , , , , , , , , </u>		
1) Prepare and configure the My	SQL Portable Server				
You will be prompted for some	settings. Then, all files r	equired by the My	SQL portable	server will be copie	d into a "MySQL" subfolder and configured. This
subfolder is placed in the same f	older as the application	EXE output file.)	rou must incl	ude this entire folder	r when you distribute your application.
📳 Copy MySQL ser	ver files to destination fo	older			
2) Create databases and manage	e them with Adminer				
To manage databases of the nor	table MySOL conver Eve	Output for DHD o	an place a te	mporany conviof Adv	miner in the same folder as the EVE file and run it
Adminer is a database managen	nent tool written in PHP	. After that, you c	an safely ren	nove the Adminer to	ol from the folder. The <u>additional Adminer package for</u>
ExeOutput for PHP must be first	installed on your comp	outer.			
Place a copy	v of Adminer and run it	-			
				-	
3) Associate your PHP application	on with the MySQL Port	able Server			
First, be sure to enable the MySC	<u> DLi PHP extension</u> so th	at your PHP appli	cation can ha	ndle MySQL. Then, y	you can configure your application to automatically
start the MySQL server when it is Warning: do not change root pa	s run, and stop it when t issword yourself. If you '	the application ex have to change it,	its. , use the first	step above again.	
Start and stop the MySQL s	erver automatically				
wpdemo.exop	GUI App				

Adminer is a database management tool. We can use it to manage databases of the portable MySQL server.

4.9 To connect to the MySQL server, enter "root" and the root password you defined previously. If you changed the connection port, enter it in server "localhost:port". Click Login

php	🗎 💭 🕞 📲 🕞 Droducts sono Support	[wpdemo.exop] - ExeOutput for PHP 2	
F	🔐 Login - Adminer		_ 🗆 🗙 🖉 💆 😣 🔌
	Menu Navigation		
D	Home Reload Back Forwa	rd Print About	
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m	(
<u>1)</u> Ye	Adminer 4.2.5	Login	This
		System MySQL V	
		Server localhost	
<u>2)</u>		Username root	
Ti A		Password	run it. <u>backage for</u>
E		Database	
		Login 🗆 Permanent login	
<u>3)</u>			
Fi st W			natically
			4
	wpdemo.exop 🔲 GUI App		

4.10 Choose "Create new database" and enter "wordpress" as database name. Click Save and exit Adminer.



Page 26

4.11 Back to ExeOutput for PHP, tick the last option named "Start and stop the MySQL server automatically"

📼 I 📄 📕 -	₿ii 🕞	te Sunnoi	[v	vpdemo.exop] - ExeOutput for P	PHP 2
File	Manager A	Application Settings	PHP Settings	Security	Output	@ 🕁 🖉 🔰 😪 🄌
	5		$\overline{\mathbf{O}}$		-	
Main Settings	PHP Extension	ns PHP.ini De	ebugging Strir	ng Protection	MySQL Support	
		PHP and Cont	ent Options			
Do you want	to include su	pport for MySQL?				
Use the followin	g tools to inclu	de a portable MySQL s	erver (MariaDB) w	ith your comp	iled PHP applicatio	n. The additional MySQL package for ExeOutput for PHP
must be first ins	talled on your c	omputer. <u>Learn more</u>	about using this N	<u>AySQL server</u> .		
1) Prepare and c	onfigure the My	ySQL Portable Server				
You will be pron	npted for some	settings. Then, all files	Required by the M	lySQL portable	e server will be copi	ed into a "MySQL" subfolder and configured. This
subrolder is plac	eu in the same	rolder as the application		. Tou must me	due this entire rolu	er witer you distribute your application.
· · · · · · · · · · · · · · · · · · ·	Copy MySQL ser	ver files to destination	folder			
2) Create databa	ises and manage	e them with Adminer				
To manage data Adminer is a dat <u>ExeOutput for P</u>	bases of the po abase manager <u>HP</u> must be first	rtable MySQL server, E ment tool written in PH t installed on your con	xeOutput for PHP HP. After that, you nputer.	can place a te can safely ren	mporary copy of Ad nove the Adminer to	dminer in the same folder as the EXE file and run it. ool from the folder. The <u>additional Adminer package for</u>
	🖷 Place a cop	y of Adminer and run	it			
2) Associate		on with the McCOL D-	stable Server			
5) Associate you	ir ene applicatio	on with the wysQL Pd	itable server			
First, be sure to start the MySQL	enable the <u>MyS</u> server when it i	<u>QLi PHP extension</u> so t is run, and stop it whe	that your PHP app n the application e	lication can ha exits.	indle MySQL. Then,	, you can configure your application to automatically
Warning: do not	t change root pa	assword yourself. If yo	u have to change	it, use the first	step above again.	
Start and st	op the MySQL s	server automatically				
♥□ wpde	mo.exop	GUI App				

- 5. Compile and run the PHP application
- 5.1 Click the Compile icon

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File Manager Application Settings PHP Se	ttings Security	Output	@ 🔂 🧟 🏓
Output Settings Resources coading Screen Deployment	Create Setup		
Compilatio	Distribution		
Where do you want to place your application EXE file?			
Please now provide the path to the application .EXE file that w	ill be built. It must be a	full path. If the extension is	missing, it will be automatically added.
Output Path:			
\Documents\wordpress\wpdemo.exe			
Specify the title for your application. This short text should des Application Title:	cribe your application	as it will be shown on all me	essage and dialog boxes end users see.
WordPress Demo			
Relevances can see the application GUID: the application uses it	to store its settings of	the user's computer	
Application GUD:	to store its settings of	i the user's computer.	
{792DDFC0-1465-4E90-BD69-4F534EF41E25}			Senerate
 Request elevated rights (User Account Control): Require Disable multithreading for troubleshooting purpose 	re Administrator	*	
wpdemo.exop 🔲 GUI App			

5.2 The compilation is started and the progress bar is shown:



5.3 Launch the new WordPress-based app by clicking the Run icon

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📧 🧹 File Manager Application Settings PHP Set	tings Security	Output	OTLCOM	0 🕁 🔗 😏 😣 🌽
Output Settings Resources Loading Screen Denloyment	Create Setup			
output settings Resources obtaining screen Deproyment	Create Setup			
Compilation	Distribution			
Compilation Log				
ExeOutput for PHP Compilation Log Version 2.0.0 Application Details - Title: WordPress Demo - Author: Demo - Date/Time: 2/4/2017 10:12:07 AM - PHP Runtime Version: 7.1 - Type: GUI App - XP Compatible: FALSE Reading Parameters Checking application settings Preprocessing source file lists First check done: the compilation may continue.				Ē
Compressing Files Listing files to be handled Beginning file compression Notation: U=Uncompressed Size, C=Compressed Size (in bytes). File List: \Documents\wordpress\source\wordpress\index.pl \Documents\wordpress\source\wordpress\index.pl \Documents\wordpress\source\wordpress\index.pl	hp, U: 418, C: 247 txt, U: 19935, C: 5804 .html, U: 7433, C: 258	30		V
🔄 Go Back 🛅 Make Setup	🔎 Explore Folder	🐻 Open Command Prompt	Run Application	📊 Save Log
wpdemo.exop GUI App				

6. Configure your new Wordpress app

6.1 When the application is run for the first time, the WordPress setup is displayed. As you can see, you have a Windows desktop application running WordPress:

wordPress I	Demo - WordF	ress > Setup	Configuration I	File		_ = ?
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WordPress I	Demo - WordF	Press > Setup	Configuration	File		_ = >
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nome	Reload	Navigation	Forward	Print		
	Welcon know tł	ne to WordP ne following	ress. Before <u>c</u> items before	etting starte proceeding.	ed, we need some information on the database. You will need to	
	1. Dat 2. Dat	abase name abase userna	ame			
	3. Dat	abase passw	ord			
	4. Dat 5. Tabl	auase nost le prefix (if y	ou want to ru	in more thar	n one WordPress in a single database)	
	We're g	ioing to use	this informat	ion to create	e a wp-config.php file. If for any reason this automatic file	
	You ma WD-CON	n doesn tw ny also simp fig.php. N	eed more hel	config-sam p? <u>We</u> got it	is does is fill in the database information to a configuration file. ple.php in a text editor, fill in your information, and save it as	
	In all lik	elihood, the	se items wer	e supplied to	o you by your Web Host. If you don't have this information, then you	
	will nee	to contact	uner before	you can cor	nunue. Ir you re all feady	
	Let's g	Jo:				

Everything of the user interface (GUI) can be customized at will: you can modify the ribbon and add new buttons, define your own menu items and even the skin of the window...

6.2 Enter "root" and the root password you defined above. We created the "wordpress" database earlier. Click Submit

WordPress De	mo - WordPress > Setup Configu	iration File		_ = ×
Menu 🔻	Navigation			
Home	Reload Back Forw	ard Print		
	Navigation			
	Below you should enter y	your database connection details. I	f you're not sure about these, contact your host.	
	Database Name	wordpress	The name of the database you want to use with WordPress.	
	Username 1	root	Your database username.	
	Password 2	wpdemo1	Your database password.	
	Database Host	localhost	You should be able to get this info from your web host, if localhost doesn't work.	
	Table Prefix	wp_	If you want to run multiple WordPress installations in a single database, change this.	
(3 Submit			
<u></u>				.:
WordPress De	mo - WordPress > Setup Configu	iration File		_ = x
Menu 🔻	Navigation			
	S (=			
Home	Reload Back Porw	Print		
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	Below you PHP Error Mess	age - Debugging ON	\times contact your host.	
	Database I SEL	rdPress database error Unknown columr .ECT wp_	'wp_' in 'field list' for query e you want to use	
	Username	you want to disable future error message		
	Password		Yes No	
	Database Host	localhost	You should be able to get this info from your web host, if localhost doesn't work.	
	Table Prefix	wp_	If you want to run multiple WordPress installations in a single database, change this.	
	Submit			
				.:

6.3 Just ignore this database error and click Home



6.4 Here comes the WordPress installation process after you select your language again. Follow the steps as you would do for any normal WordPress installation. Click Install WordPress after.

reaving and	gation		
ome Rel	load Back	Forward Print	
	Navigation		
١	Nelcome		
V	Velcome to the f e on your way to	amous five-minute WordPress installation process! Just fill in the information below and you'll o using the most extendable and powerful personal publishing platform in the world.	
l	nformatic	n needed	
P	lease provide th	e following information. Don't worry, you can always change these settings later.	
S	ite Title	Wordpress App	
U	Jsername	exo Usernames can have only alphanumeric characters, space symbol. Remember your username and password because there is no email recover available!	
Р	assword	exopass1245a1!	
		Important: You will need this password to log in. Please store it in a secure location.	
Press Demo -	- WordPress > Inst	allation	
-			
 Navig 	gation		
e Rel	gation Coad Back	Forward Print	
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e Rel	Analysis and a second s	Forward Print Print Print o using the most extendable and powerful personal publishing platform in the world. on needed e following information. Don't worry, you can always change these settings later. Wordpress App exo Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol. exopass1245a11 Strong	
ne Rel	Jastion Navigation ee on your way to nformatic Please provide th iite Title Jsername	Forward Frint Do using the most extendable and powerful personal publishing platform in the world. on needed e following information. Don't worry, you can always change these settings later. Wordpress App exo Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol. Exopass 1245a1! Strong Important: You will need this password to log in. Please store it in a secure location.	
e Red	An avigator Navigator Pe on your way to Informatic Please provide th dite Title Username Password	Forward First print First	
ne Rel	Anavigation Navigation Re on your way to Informatic Please provide th Site Title Password Password Four Email Search Engine fisibility	Forward Frint To using the most extendable and powerful personal publishing platform in the world. To using the most extendable and powerful personal publishing platform in the world. To using information. Don't worry, you can always change these settings later. Wordpress App Exo Usenames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol. Stong To using the dubit password to log in. Please store it in a secure location. Info@mydomain.com Dubie-check your email address before continuing. I biscourage search engines from indexing this site It up to search engines to honor this request.	
me Red P S U V	Jastion Navigation Navigation Navigation Is on your way to Informatic Please provide th Sername Password Pa	Formed First on using the most extendable and powerful personal publishing platform in the world. on meeded etolowing information. Don't worry, you can always change these settings later. Mordpress App exo Stanames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ smbol Demonstration Mordpress App exo Stong Demonstration Demonstratin demonstration	

6.5 After installation, the WordPress login page is shown. Do not log in immediately and exit the app.

Image: WordPress Demo - Wordpress App < Log In Menu Navigation Image: WordPress Demo - Wordpress App < Log In Menu Navigation	Print	
	Username or Email Address exo Password	
	← Back to Wordpress App	÷

6.6 Go to the "wordpress" folder and remove the Adminer tool which is no more necessary:



6.7 Then navigate to the "Data\wordpress" folder and locate wp-config.php. Open it in your favorite text editor (or PHP editor if you have got one)



6.8 Go to the end of the file, juster after define('WP_DEBUG'...). And add this text: define('DISABLE_WP_CRON', 'true');

in wp-config.php - Notepad	-		\times
File Edit Format View Help			
/** * For developers: WordPress debugging mode. *			^
 * Change this to true to enable the display of notices during development * It is strongly recommended that plugin and theme developers use WP_DENt * in their development environments. 	nt. BUG		
 * For information on other constants that can be used for debugging, * visit the Codex. * 			
* @link https://codex.wordpress.org/Debugging_in_WordPress */			
/ define('WP_DEBUG', false);			
/* That's all, stop editing! Happy blogging. */			1
<pre>/** Absolute path to the WordPress directory. */ if (!defined('ABSPATH'))</pre>			
<pre>define('ABSPATH', dirname(FILE) . '/');</pre>			
/** Sets up WordPress vars and included files. */			~
		_	> .::
we configure Notonad			
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<pre>File Edit Format View Help /** For developers: WordPress debugging mode. * * Change this to true to enable the display of notices during developmen * It is strongly recommended that plugin and theme developers use WP_DEF * in their development environments. * * For information on other constants that can be used for debugging, * visit the Codex. * * @link https://codex.wordpress.org/Debugging_in_WordPress */ define('WP_DEBUG', false); /* Required for ExeOutput */ define('DISABLE_WP_CRON', 'true');</pre>	nt. BUG		~
<pre>File Edit Format View Help /** For developers: WordPress debugging mode. * * Change this to true to enable the display of notices during developmen * It is strongly recommended that plugin and theme developers use WP_DEE * in their development environments. * * For information on other constants that can be used for debugging, * visit the Codex. * * @link https://codex.wordpress.org/Debugging_in_WordPress */ define('WP_DEBUG', false); /* Required for ExeOutput */ define('DISABLE_WP_CRON', 'true'); /* That's all, stop editing! Happy blogging. */</pre>	nt. BUG		~
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<pre>File Edit Format View Help /** File Edit Format View Help /** * For developers: WordPress debugging mode. * * Change this to true to enable the display of notices during developmen * It is strongly recommended that plugin and theme developers use WP_DEE * in their development environments. * For information on other constants that can be used for debugging, * visit the Codex. * * @ @link https://codex.wordpress.org/Debugging_in_WordPress */ define('WP_DEBUG', false); /* Required for ExeOutput */ define('DISABLE_WP_CRON', 'true'); /* That's all, stop editing! Happy blogging. */ /** Absolute path to the WordPress directory. */ if (!define('ABSPATH'))</pre>	nt. BUG		

Then save your modifications.

6.9 Launch the Wordpress app again. For instance, in the "wordpress" folder, double-click on wpdemo.exe which is the app's executable file.



7. Administer WordPress

7.1 When you start the Wordpress app, the default website is now displayed. Scroll down and you can log in:





Image: Constrained of the second		×
Nevigation Username or Email Address Username or Email Address Password Password Password Password Password	Home Reload Back Forward	Print
Username or Email Address Username or Email Address exo Password exo Password exo	Navigation	
Lost your password? ← Back to Wordpress App		Username or Email Address Username or Email Address Password Password Remember Me Togin Togin
- Back to Wordpress App		Lost your password?
		← Back to Wordpress App

7.3 After some seconds, the WordPress Dashboard is displayed. You can now work with WordPress as usual.

💀 WordPress Demo - Dashboard < Wordpress App — WordPress 💶 🗖 🗙						
Menu	Navigation					
Home	Reload Contraction Revision Revisio Revisio Revisio Revisio Revisio Revisio Revisio					
🚳 🚳	Wordpress App 📮 0 🕂 New			Howdy, exo 📃 📤		
	Dashboard			Screen Options v Help v		
,≁ 9) ∎	Welcome to WordPress! We've assembled some links to get you s	started:		🕄 Dismiss		
.	Get Started	Next Steps		More Actions		
Nr.	Customize Your Site	Write your fAdd an Abd	first blog post out page	 Manage widgets or menus Turn comments on or off 		
*	or, change your theme completely	View your s	ite	➢ Learn more about getting started		
ø						
53	At a Glance		Quick Draft			
0	🖈 1 Post 📕 1 Page		Title			
	📮 1 Comment		What's on your mi	nd?		
	WordPress 4.7.2 running Twenty Seventeen theme.		what's on your his			
	Activity	•	Save Draft			
	Recently Published					
				.::		

Warning: do not install updates because the core files won't be really replaced. Download the new wordpress.zip from wordpress.org and unpack all files to the "source" subfolder, as we did previously.

8. Distribute your WordPress app

You can either compress all files into a Zip archive or an installer

8.1 For a Zip archive distribution, select the folders "Data", "mysql" and the wpdemo.exe. Then zip them from Explorer:



Then upload the Zip archive to your webserver, Dropbox or any file hosting service. Your end users have just to unzip all of the files to a folder and launch wpdemo.exe to run the WordPress app.

8.2 If you want to make an installer instead, you can use ExeOutput for PHP and Paquet Builder, an Installer Builder Software. In ExeOutput for PHP, click Create Setup:

1 🖹 📙 📲	i 📑			[wpdemo.exo	p] - ExeOutput for PHP 2		-	
🗐 🚽 🛛 File Ma	anager	Application Settir	ngs PHP Sett	ings Security	Output		0 🔂 🧟 😏	م 🕄
utput Settings	(Resources	Loading Screen	Deployment	Create Setup				
	Comp	pilation		Distribution				
omnilation Lov								
ersion 2.0.0 pplication Detai Title: WordPress Author: Demo Date/Time: 2/4/2 PHP Runtime Ve Type: GUI App XP Compatible: I cading Paramet hecking applicat reprocessing sou irst check done: I ompressing File Ising cached arch o force ExeOutpr Vriting Applicati Vriting basic data	ils Demo 2017 10:27:54 rrsion: 7.1 FALSE tion settings irce file lists, the compilat s nive file: files the recomp on hat table	4 AM tion may continue are not compres press all files, selec	e. sed again since th :t the "Build Full E	ey seem not to hav suild" command in	e been modified since the last bi the App menu.	uîld.		
Vriting language Compiling skin da rocossing file are	ata files							T
Vriting language compiling skin da rocessing file pro	ata files operties		1ake Setup	Explore Folder	open Command Prompt	Run Application	Save Lo	v

8.3 Then fill in all required fields and click Generate.

📼 i 🗟 🔑 🗖 🦊	🖁 🗔 [wpdemo.exop] - ExeOutput for PHP 2	- 8 🗙
File N	Ianager Application Settings PHP Settings Security Output	@ 삼 🦻 😏 🔬 🔌
Output Setting	Make a Setup program for your application Create Setup	×
Compilation L	You can optionally distribute your application .exe file with a Setup program : the latter can <u>create shortcuts</u> in the Windows Start menu folder, show a readme or license agreement, offer an <u>uninstall option</u> to let your end users remove your application from their computer	
The following Ic save the log, rur	Important: ExeOutput uses Paquet Builder 3 to generate the Setup program; Paquet Builder must be installed or your computer. For further information about Paquet Builder, please click <u>here</u> .	Use the buttons below to
ExeOutput 1 Version 2.0.0	This expert will generate a default project file to be compiled with Paquet Builder: you just need to open it in Paquet Builder, modify some settings and compile it.	<u> </u>
Application De	Destination Path: c:\program files\	
 Title: WordPre Author: Demo 	WordPress App	
- Date/Time: 2/ - PHP Runtime	Setup Title:	
- Type: GUI App	WordPress App Setup	
- XF Compatibi	Your Application Name (used for shortcuts and uninstall display name):	
Reading Param Checking appli	WordPress App 3	
Preprocessing s First check don	✓ Include all files in the "Data" subfolder if available	
<u>Compressing F</u> Using cached a To force ExeOu	P Open the generated project in Paquet Builder Ø Generate	
Writing Applic Writing basic d		
Writing langua	📀 Close 🔞 Hel	p
Compiling skin Processing file or		
occasing nic p		
-	👆 Go Back 📄 Make Setup 👂 Explore Folder 🐻 Open Command Prompt 🗔 Run	Application 📊 Save Log
•⊒ wpden	no.exop 🔲 GUI App	

Note: by default, the destination folder is set to c:\program files but we'll have to change that in Paquet Builder, because we must have our application in a writeable directory, so that WordPress can store its temporary files and MySQL its data.

8.4 Create a dedicated folder for your installer and save the project file (with PBPX extension):

📼 i 🗟 🔑 🖬 🐫	• [wpdem	o.exop] - ExeOutput for PHP 2	- 0 🛛
File Man	ager Application Settings PHP Settings Sec	urity Output	@ 🔂 🧟 🎾 😡 🔑
Compilation L save the log, rur yo ExeOutput Th Version 200	iger Application Settings PHP Settings Sec Make a Setup program for your application ← Save Paquet Builder Project As ← → ~ ↑	vurity Output ✓ ♂ Search setup □ □ □ □ □ □ □ □ □ □ □ □	Se the buttons below to Type
Application 2.0.0 Period - Title: WordPre - Author: Demc - Date/Time: 2/ - PHP Runtime - Type: GUI App - XP Compatible Reading Param Checking appli W Preprocessing s First check don	 htmlexetests packages wordpress OneDrive This PC Desktop Documents V < 2 		₹
Compressing F Using cached a To force ExeOu Writing Applic Writing langua Compiling skin Processing file prop	File name: wpsetuplpbpx Save as type: Paquet Builder Project Files (*.pb A Hide Folders Go Back Make Setup School Explore Fo	px) Save Car Save Close (2) Older Open Command Prompt R	Image: Save Log

Click Save and then OK. Paquet Builder is then launched.

8.5 File lists are automatically refreshed, just close this window.

Live Upo Paquet I folders.	late Results Builder has refreshed the file lists of components which are linked to source You can see the changes below:	-
New file \Data":	s in component "Data" linked to folder "Ocuments\wordpress	
	\Documents\wordpress\Data\wordpress\wp-config.php \Documents\wordpress\Data\wordpress\wp-content\index.php \Documents\wordpress\Data\wordpress\wp-content\plugins\akismet	
	\Documents\wordpress\Data\wordpress\wp-content\plugins\akismet	
(\Documents\wordpress\Data\wordpress\wp-content\plugins\akismet t-admin.php	
(\Documents\wordpress\Data\wordpress\wp-content\plugins\akismet :t-cli.php	
(Documents\wordpress\Data\wordpress\wp-content\plugins\akismet	-

8.6 Change company information to yours and then click "Set main destination folder":



8.7 Change Default Destination Folder to %APPDATADIR%\My Company\WordPress App - replace My Company by your name or brand



This will ensure files are always unpacked to a writeable directory and not a read-only one. You could also use %MYDOCDIR% to unpack files to the user's Documents folder.

8.8 Uncheck "Request elevated rights" because we don't need such a permission because we don't write to system folders. Then choose File Manager

Raquet Builder 3.6 - wpsetup.pbp>	
Project and Build Help	and Info
🖹 🤌 🖄	🔹 j 🕨 🥖 📁 🖉 🕷 📗
New Open Save	Build Now Run Quick Test File Manager Custom Actions Resource Strings Variables
Project File	Quick Build Ta Project Edition
	Package Output
Write registry entries	Choose Output Directory, Filename and Format
Manage custom actions	Please select the working directory where Paquet Builder will place compilation files and the package
<table-of-contents> Select languages</table-of-contents>	EXE file. You can then specify the filename for the EXE file and its format (32 or 64-bit).
😚 Protect package files	Output Directory:
😭 Configure uninstaller	Package Filename:
	wpdemo-Setup.exe
Build	EXE Format:
EXE output configuration	32-bit EXE (x86) Vour package will both work on 32-bit and 64-bit Windows versions. This format is recommended by default.
Modify file compression	Additional Options
🔒 Multi-volume archive	Request elevated rights (User Account Control):
🔊 Edit package resources	Display an error if the user has not at least administrative rights
<mark>Ան</mark> ցություն անվեր անվերություն անվերո Անվերություն անվերություն անվերություն անվերություն անվերություն անվերություն անվերություն անվերություն անվերությո	 Quick Build (do not compress files)
Developer options	
🔄 Digitally sign package	
👉 After build	Compile
🍃 Open Windows Explorer	▼
	C:\\wordpress\setup\wpsetup.pbpx;

8.9 In File Manager, we must also include the "MySQL" folder that contains all of the portable MySQL server's files. Click "Component Manage" then Add Component; enter "MySql" for the Component Name and click OK.



8.10 We tell Paquet Builder we want to add the entire folder "MySQL" to the installer

naquet Buil	lder - File Manager				
File Manager	Compo 🥷 Component Properties		×		
	Global Properties 🚽 Store Paths 🙀 Component V	ariable T _o Select	tion Dialog Box		
Add Col	Component allow you to easily manage files by grouping them global properties for the component named "MvSgl".	together. On this tab y	ou can set the		
	Component Live Undate - Linking to a folder				
Compo	onent List				
- 🧐 Main - Main Data	Components can be linked to a source folder : therefore all files f automatically added to the component's file list by Paquet Builde	ound inside the source or when performing a l	e folder are live update.		
MySql	Additional properties can be configured below.				
	Link this component to the following source folde				
	Please select the source folder that should be linked to the component:		×		
	← → √ <mark>3</mark> « Documents → wordpress → v ♂ Searc	h wordpress	ک م		
	Organize 🔻 New folder		• •		
	🔜 Desktop 🖈 ^ Name	Date modified	Туре		
	🕂 Downloads 🖈 📃 Data	2/4/2017 10:56 AM	File folder		
	😫 Documents 🖈 🚺 mysql	2/4/2017 9:07 AM	File folder		
	📰 Pictures 🖈 🔚 setup	2/4/2017 3:10 PM	File folder		
	htmlexe source	2/4/2017 7:48 AM	File folder		
	htmlexetests				
	setup				
	wordpress		2		
	and ConeDrive				
	This PC				
	Desktop		st. 19)		
	🕆 Documents 🗸 <		>		
	Folder: mysgl				
	S Selec	t Folder Ca	ncel		
Componen	It Properties	×			
Global P	roperties Store Pat Component Variable	og Box			
Components	s allow you to easily manage files by grouping them together. On this tab you can	set the			
Component	live Indate - Linking to a folder				
component					
automatically Additional pr	can be linked to a source tolder: therefore all files found inside the source tolder y added to the component's file list by Paquet Builder when performing a live upd roperties can be configured below.	are ate.			
✓ Link this	component to the following source folder:				
(\Documents\wordpress\mysql				
Include fi	les in subfolders 6				
Ontional File	name Mark for Inclusion (use I to constrate coveral marks)				
*	name wask for inclusion (use to separate several masks).				
Optional Filename Mask for Exclusion (use to separate several masks):					
		Help			

8.11 Finally we want to store paths relative to the "wordpress" folder (so that we keep "mysql" in paths):

R Component Properties
🚰 Global Properties 🚽 Store Paths 🙀 Component Variable 🛛 🖏 Selection Dialog Box
Storing path information
Path information relative to a root folder can be stored into the package and restored when extracting files. Select how Paquet Builder should store the path information for the files of this component. Tips are available <u>here</u> .
O Use the default settings from the "Compression Options" page
O Do not store path information (only filenames are stored)
2 tore paths relative to the source folder defined in "Global Properties"
Keep path information relative to the following root folder:
Documents wordpress 3
QK 4 Cancel Help

8.12 Files are automatically scanned and added to the installer. Close File Manager

🥷 Paquet Builder - File Manager						
File Manager Compone	nt Manager Existing Archive					
Add Component	Component Wizard Remove Component Commands	Properties				
Component List	Filename	Path	Size			
Main Data MySql	<pre>mysqladmin.exe mysqld.exe COPYING COPYING.LESSER COPYING.thirdparty CREDITS aria_log.00000001 aria_log_control DESKTOP-PC7QTOU.err ib_logfile0 ib_logfile1 ibdata1 multi-master.info mysql-bin.000001 mysql-bin.000002 mysql-bin.000003 mysql-bin.000005 mysql-bin.index mysql-bin.state column_stats.frm</pre>	Documents (wordpress \mysql\bin \mysqladmin.exe Documents (wordpress \mysql\bin \mysqld.exe Documents (wordpress \mysql\COPYING Documents (wordpress \mysql\COPYING.LESSER Documents (wordpress \mysql\COPYING.thirdparty Documents (wordpress \mysql\COPYING.thirdparty Documents (wordpress \mysql\data\aria_log.00000001 Documents (wordpress \mysql\data\aria_log.control Documents (wordpress \mysql\data\pESKTOP-PC7QTOU.err Documents (wordpress \mysql\data\boxtoffel) Documents (wordpress \mysql\data\boxtoffel) Documents (wordpress \mysql\data\boxtoffel) Documents (wordpress \mysql\data\boxtoffel) Documents (wordpress \mysql\data\boxtoffel) Documents (wordpress \mysql\data\mysql-bin.000001 Documents (wordpress \mysql\data\mysql-bin.000001 Documents (wordpress \mysql\data\mysql-bin.000001 Documents (wordpress \mysql\data\mysql-bin.000002 Documents (wordpress \mysql\data\mysql-bin.000003 Documents (wordpress \mysql\data\mysql-bin.000005 Documents (wordpress \mysql\data\mysql-bin.index Documents (wordpress \mysql\data\mysql-bin.index Documents (wordpress \mysql\data\mysql-bin.state Documents (wordpress \mysql\data\mys	3.5 MiB 11.2 MiB 17.6 KiB 25.9 KiB 84.2 KiB 2.1 KiB 16.0 KiB 52 B 4.8 KiB 48.0 MiB 48.0 MiB 48.0 MiB 76.0 MiB 0 B 524 B 479 B 278.6 KiB 1.4 KiB 12.0 KiB 95 B 8 B 2.5 KiB			

8.13 Choose Build Now and your installer is created.



8.14 After compilation, the installer is ready. You can run it to see if it works fine and then distribute the single EXE file.



8.15 The "Welcome" screen of the new installer. You can of course customize texts, images thanks to Paquet Builder.



To distribute the installer, just share the EXE file: upload it to your web server, use dropbox or any file sharing service. End users just launch the installer and they choose which directory all files will be unpacked to.