

# RabbitMQ 的安装以及对应的 PHP 扩展的安装

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原文链接: <https://ld246.com/article/1584413932442>

来源网站: [链滴](#)

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记于2019-2-27

环境: windows 平台, PHP7.1.9

## 1、安装 Erlang

- 因为 RabbitMQ 是用 Erlang 语言编写, 安装之前需要先安装 Erlang, 下载地址 <http://www.erlang.org/downloads>



### DOWNLOAD OTP 21.2

*Erlang/OTP 21.2 is the second service release containing mostly bug fixes and characteristics improvements*

[OTP 21.2 Readme File](#)

[OTP 21.2 Source File \(89929318\)](#)

[OTP 21.2 Windows 32-bit Binary File \(89929318\)](#)

[OTP 21.2 Windows 64-bit Binary File \(92193047\)](#)

[OTP 21.2 HTML Documentation File \(32798331\)](#)

[OTP 21.2 Man Pages File \(1325975\)](#)

- 我选择的是图中的版本, 一直next即可

## 2、下载安装RabbitMQ

- 下载地址 <http://www.rabbitmq.com/download.html>

- 也是一直next
- 安装完成后并没有启动RabbitMQ，需要执行下面的操作：

然后以**管理员身份**运行CMD 进入RabbitMQ目录

```
D:\RabbitMQ\rabbitmq_server-3.7.2\sbin>
```

```
rabbitmq-plugins.bat enable rabbitmq_management
```

```
rabbitmq-service.bat start
```

PS: 2019 年 2 月 12 日添加

- 如果执行 rabbitmq-plugins.bat enable rabbitmq\_management 报错，并且是设置好了环境变量后依然出现这个问题：

```
C:\Program Files\RabbitMQ Server\rabbitmq_server-3.7.11\sbin>rabbitmq-plugins.bat enable rabbitmq_management
信息：用提供的模式无法找到文件。
系统找不到指定的路径。
```

```
*****
ERLANG_HOME not set correctly.
*****
```

```
Please either set ERLANG_HOME to point to your Erlang installation or place the
RabbitMQ server distribution in the Erlang lib folder.
```

- 那么就执行下面的命令后，在执行上面的命令

```
C:\Program Files\RabbitMQ Server\rabbitmq_server-3.7.11\sbin>set ERLANG_HOME=C:\Program Files\erl10.2
```

```
set ERLANG_HOME=C:\Program Files\erl10.2
```

- 可能会报错提示 但已经运行 这个时候执行

```
rabbitmq-service.bat stop
```

- 访问 <http://localhost:15672/> 即可。默认的帐号：guest 密码：guest

## Overview

### ▼ Totals


Queued messages **last minute** ?

Currently idle

## 3、安装PHP的rabbitMQ扩展

下载 dll 文件 地址 <http://pecl.php.net/package/amqp>

1. 先查看 PHP 版本。

PHP Version 7.1.9		
System	Windows NT BARRY 10.0 build 17134 (Windows 10) AMD64	
Build Date	Aug 30 2017 18:30:43	
Compiler	MSVC14 (Visual C++ 2015)	
Architecture	x64	
Configure Command	cscript /nologo configure.js "--enable-snapshot-build" "--enable-debug-pack" "--with-pdo-oci=c:\php-snap-build\deps_aux\oracle\x64\instantclient_12_1\sdk,shared" "--with-oci8-12c=c:\php-snap-build\deps_aux\oracle\x64\instantclient_12_1\sdk,shared" "--enable-object-out-dir=.\obj/" "--enable-com-dotnet=shared" "--with-mcrypt=static" "--without-analyzer" "--with-pgo"	
Server API	Apache 2.0 Handler	
Virtual Directory Support	enabled	
Configuration File (php.ini) Path	C:\WINDOWS	
Loaded Configuration File	C:\wamp64\bin\apache\apache2.4.27\bin\php.ini	
Scan this dir for additional .ini files	(none)	
Additional .ini files parsed	(none)	
PHP API	20160303	
PHP Extension	20160303	
Zend Extension	320160303	
Zend Extension Build	API320160303,TS,VC14	
PHP Extension Build	API20160303,TS,VC14	
Debug Build	no	
Thread Safety	enabled	
Zend Signal Handling	disabled	
Zend Memory Manager	enabled	
Zend Multibyte Support	provided by mbstring	
IPv6 Support	enabled	
DTrace Support	disabled	

2. 选择问稳定版的 dll

Available Releases					
Version	State	Release Date		Downloads	
<a href="#">1.9.3</a>	stable	2017-10-19	<a href="#">amqp-1.9.3.tgz</a> (99.0kB)	<a href="#">DLL</a>	[Changelog]
<a href="#">1.9.1</a>	stable	2017-06-12	<a href="#">amqp-1.9.1.tgz</a> (96.1kB)	<a href="#">DLL</a>	[Changelog]
<a href="#">1.9.0</a>	stable	2017-03-20	<a href="#">amqp-1.9.0.tgz</a> (95.9kB)	<a href="#">DLL</a>	[Changelog]
<a href="#">1.9.0beta2</a>	beta	2017-03-13	<a href="#">amqp-1.9.0beta2.tgz</a> (96.0kB)	<a href="#">DLL</a>	[Changelog]
<a href="#">1.9.0beta1</a>	beta	2017-03-12	<a href="#">amqp-1.9.0beta1.tgz</a> (95.9kB)	<a href="#">DLL</a>	[Changelog]
<a href="#">1.8.0</a>	stable	2017-02-16	<a href="#">amqp-1.8.0.tgz</a> (89.7kB)	<a href="#">DLL</a>	[Changelog]
<a href="#">1.8.0beta2</a>	beta	2016-11-07	<a href="#">amqp-1.8.0beta2.tgz</a> (89.7kB)	<a href="#">DLL</a>	[Changelog]
<a href="#">1.8.0beta1</a>	beta	2016-11-01	<a href="#">amqp-1.8.0beta1.tgz</a> (84.9kB)		[Changelog]
<a href="#">1.7.1</a>	stable	2016-07-09	<a href="#">amqp-1.7.1.tgz</a> (78.0kB)	<a href="#">DLL</a>	[Changelog]
<a href="#">1.7.0</a>	stable	2016-04-26	<a href="#">amqp-1.7.0.tgz</a> (77.8kB)	<a href="#">DLL</a>	[Changelog]
<a href="#">1.7.0alpha2</a>	beta	2015-12-21	<a href="#">amqp-1.7.0alpha2.tgz</a> (76.0kB)		[Changelog]
<a href="#">1.6.1</a>	stable	2015-11-23	<a href="#">amqp-1.6.1.tgz</a> (60.5kB)		[Changelog]
<a href="#">1.7.0alpha1</a>	beta	2015-11-11	<a href="#">amqp-1.7.0alpha1.tgz</a> (75.9kB)		[Changelog]
<a href="#">1.6.0</a>	stable	2015-11-03	<a href="#">amqp-1.6.0.tgz</a> (60.4kB)		[Changelog]
<a href="#">1.6.0beta4</a>	beta	2015-09-18	<a href="#">amqp-1.6.0beta4.tgz</a> (60.3kB)		[Changelog]
<a href="#">1.6.0beta3</a>	beta	2015-04-18	<a href="#">amqp-1.6.0beta3.tgz</a> (59.5kB)		[Changelog]
<a href="#">1.6.0beta2</a>	beta	2015-01-27	<a href="#">amqp-1.6.0beta2.tgz</a> (58.1kB)		[Changelog]
<a href="#">1.4.0</a>	stable	2014-04-14	<a href="#">amqp-1.4.0.tgz</a> (47.5kB)	<a href="#">DLL</a>	[Changelog]

我选择的是 1.9.3。因为 Thread Safety enable ,所以选择的是 TS。

DLL List	
<b>PHP 7.1</b>	<a href="#">7.1 Non Thread Safe (NTS) x64</a>
	<a href="#">7.1 Thread Safe (TS) x64</a>
	<a href="#">7.1 Non Thread Safe (NTS) x86</a>
	<a href="#">7.1 Thread Safe (TS) x86</a>
<b>PHP 7.0</b>	<a href="#">7.0 Non Thread Safe (NTS) x64</a>
	<a href="#">7.0 Thread Safe (TS) x64</a>
	<a href="#">7.0 Non Thread Safe (NTS) x86</a>
	<a href="#">7.0 Thread Safe (TS) x86</a>

### 3. 下载后解压

此电脑 > OS (C:) > 用户 > barry > 下载 > php\_amqp-1.9.3-7.1-ts-vc14-x64

名称	修改日期	类型	大小
stubs	2018/12/25 13:55	文件夹	
benchmark.php	2017/10/19 22:49	JetBrains PhpStorm	3 KB
CREDITS	2017/10/19 22:49	文件	1 KB
LICENSE	2017/10/19 22:49	文件	4 KB
LICENSE-MIT.LIBRABBITMQ	2017/10/19 22:49	LIBRABBITMQ 文件	2 KB
php_amqp.dll	2017/10/19 22:49	应用程序扩展	127 KB
php_amqp.pdb	2017/10/19 22:49	PDB 文件	788 KB
rabbitmq.4.dll	2017/10/19 22:49	应用程序扩展	77 KB

4. 将 php\_amqp.dll 文件放在 PHP 安装目录 ext 下

此电脑 > OS (C:) > wamp64 > bin > php > php7.1.9 > ext

名称	修改日期
php_amqp.dll	2017/10/19 22:49
php_bz2.dll	2017/8/30 19:25
php_com_dotnet.dll	2017/8/30 19:25
php_curl.dll	2017/8/30 19:25
php_enchant.dll	2017/8/30 19:25

5. php.ini 里面添加

`extension=php_amqp.dll`

6. 将 rabbitmq.4.dll 文件放在 php/php7.1.9/目录下, 并在 apach 的 httpd.conf 文件中加上一句:

`LoadFile "C:/wamp64/bin/php/php7.1.9/rabbitmq.4.dll"`

```
httpd.conf httpd-vhosts.conf
190 LoadModule userdir_module modules/mod_userdir.so
191 #LoadModule usertrack_module modules/mod_usertrack.so
192 #LoadModule version_module modules/mod_version.so
193 LoadModule vhost_alias_module modules/mod_vhost_alias.so
194 #LoadModule watchdog_module modules/mod_watchdog.so
195 #LoadModule xml2enc_module modules/mod_xml2enc.so
196
197 LoadModule php7_module "$(INSTALL_DIR)/bin/php/php7.1.9/php7apache2_4.dll"
198 LoadFile "C:/wamp64/bin/php/php7.1.9/rabbitmq.4.dll"
199
200 <IfModule unixd_module>
```

7. 重启 apache 和 PHP 服务。

8. 访问 phpinfo();

9. 有 amqp 则安装成功

## Configuration

amqp

Version	1.9.3
Revision	release
Compiled	Oct 19 2017 @ 16:43:11
AMQP protocol version	0-9-1
librabbitmq version	0.8.0
Default max channels per connection	256
Default max frame size	131072
Default heartbeats interval	0

## 4、项目中安装php-amqplib库

使用 composer 安装

1. 项目目录下的 composer.json 文件中增加下面内容

```
{  
  "require": {  
    "php-amqplib/php-amqplib": "^2.8", //增加这行  
  }  
}
```

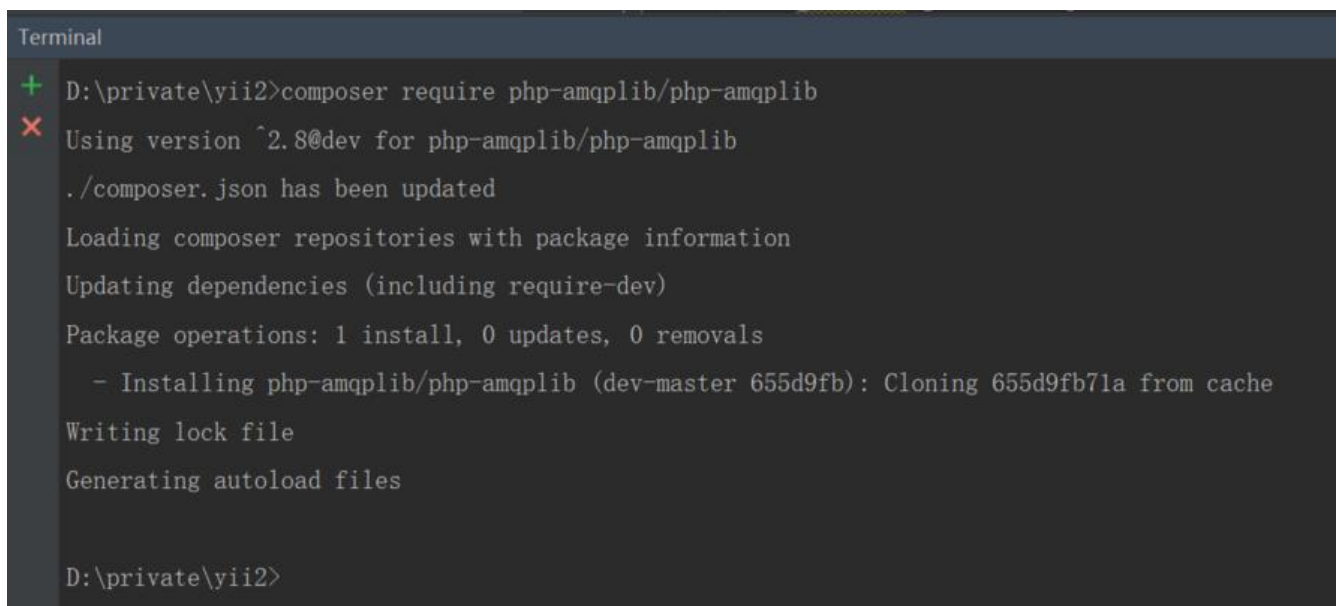
2. 然后执行:

```
composer update php-amqplib/php-amqplib。
```

**更加方便的做法是直接执行**

```
composer require php-amqplib/php-amqplib
```

便可以直接进行安装了



```
Terminal  
+ D:\private\yii2>composer require php-amqplib/php-amqplib  
✗ Using version ^2.8@dev for php-amqplib/php-amqplib  
./composer.json has been updated  
Loading composer repositories with package information  
Updating dependencies (including require-dev)  
Package operations: 1 install, 0 updates, 0 removals  
  - Installing php-amqplib/php-amqplib (dev-master 655d9fb): Cloning 655d9fb71a from cache  
Writing lock file  
Generating autoload files  
D:\private\yii2>
```

**5、接下来就可以尽情的玩耍了。。。。**