

Windows 环境部署 Wordpress

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1、软件环境

- (1) Nginx <http://nginx.org/en/download.html>
- (2) Wordpress <https://cn.wordpress.org/download/>
- (3) Php 环境 <https://windows.php.net/download#php-8.0-ts-vs16-x64>
- (4) Mysql 环境 <https://dev.mysql.com/downloads/installer/>

2、解压文件

- (1) 将下载好的 PHP 环境 解压到叫 PHP 的文件夹里面,PHP文件夹 名字 你们随便取
- (2) 解压一份 Nginx

3、修改 Php 配置文件

- (1) 找到文件 php.ini-development 复制一份 命名为 php.ini

php.ini	2020/11/25 5:40	配置设置	73 KB
php.ini-development	2020/11/25 5:40	INI-DEVELOPME...	73 KB

- (2) 编辑 php.ini 文件 找到我当前版本是在 805 行, 添加 806 行的内容 -->0

```
805 ;cgi.fix_pathinfo=1
806 cgi.fix_pathinfo=1
807
```

- (3) 完成二步骤后, 会在 768 行找到它, 添加一个 769 行内容

```
;extension_dir = "./"
; On windows:
;extension_dir = "ext"
extension_dir = "C:\Users\740969606\Desktop\PHP\ext"
; Directory where the temporary files should be placed.
; Defaults to the system default (see sys_get_temp_dir)
;sys temp dir = "/tmp"
```

别人说 修改为绝对路径
你们就根据 你们实际位置

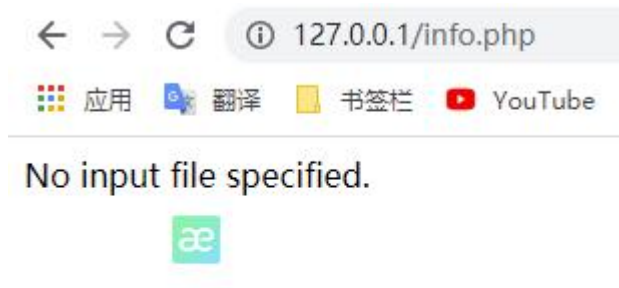
- (4) 完成三步骤后, 会在 904 行找到它, 添加一个 905 行内容

```
903 ;
904 ; extension=mysqli
905 extension=mysqli
906 ;
```

- (5) 完成四步骤后, 会在 786 行找到它, 添加一个 787 行内容

```
786 ;cgi.force_redirect = 1
787 cgi.force_redirect = 0
```

这里的目的是避免部署好了 访问出现



4、修改 nginx 配置文件

- (1) 添加一个 index.php 是的 nginx 会找得到 index.php

```
location / {  
    root    html;  
    index  index.html index.htm index.php;  
}
```

- (2) 修改转发 Php 后缀跳转

```
location ~ /\.php$ {  
    root            html;  
    fastcgi_pass    127.0.0.1:9000;  
    fastcgi_index   index.php;  
    # fastcgi_param SCRIPT_FILENAME /scripts$fastcgi_script_name;  
    fastcgi_param  SCRIPT_FILENAME $document_root$fastcgi_script_name;  
    include         fastcgi_params;  
}
```

添加的源代码如下

```
location ~ /\.php$ {  
    root            html;  
    fastcgi_pass    127.0.0.1:9000;  
    fastcgi_index   index.php;  
    #fastcgi_param  SCRIPT_FILENAME /scripts$fastcgi_script_name;  
    fastcgi_param  SCRIPT_FILENAME $document_root$fastcgi_script_name;  
    include         fastcgi_params;  
}
```

5、迁移 Wordpress 文件

- (1) 将你 wordpress 压缩包解压一份到你 nginx 解压目录下 Html 文件夹下面 起个文件夹名字: wordpress

6、启动 PHP

- (1) CMD 命令行启动

```
F:\runwp\PHP>php-cgi.exe -b 127.0.0.1:9000 -c php.ini
```

- (2)

(3) 命令为: `php-cgi.exe -b 127.0.0.1:9000 -c php.ini`

(4) 检测 PHP 是否启动成功

① 往 nginx 的 html 文件夹中创建一个 info.php 的文件
源代码:

```
<!DOCTYPE html>
```

```
<html>
```

```
<meta charset="UTF-8">
```

```
<body>
```

PHP 网页访问成功, 下面有内容即 PHP 后台环境启动成功!

```
<?php
```

```
echo "Php 环境!";?>
```

```
<?php
```

```
phpinfo();?>
```

```
</body>
```

```
</html>
```

往 nginx 的 html 添加一个 mysql.php

```
<?php
```

```
$servername = "localhost";
```

```
$username = "你 Mysql 用户名";
```

```
$password = "你 Mysql 密码";
```

```
// 创建连接
```

```
$conn = mysqli_connect($servername, $username, $password);
```

```
// 检测连接
```

```
if (!$conn) {
```

```
    die("Connection failed: " . mysqli_connect_error());
```

```
}
```

```
echo "连接成功";
```


```
?>
```

7、启动 nginx 并测试 PHP 后台

(1) 双击 `nginx.exe` 即可启动成功

(2) 浏览器访问 `127.0.0.1/info.php` 能看到, 表明 PHP 后台启动成功

← → 127.0.0.1/info.php
应用 翻译 书签栏
PHP网页访问成功, 下面有内容即 PHP后台环境启动成功! Php环境!

PHP Version 8.0.0 	
System	Windows NT DESKTOP-RH9SL2V 10.0 build 18363 (Windows 10) AMD64
Build Date	Nov 24 2020 21:54:22
Build System	Microsoft Windows Server 2016 Standard [10.0.14393]
Compiler	Visual C++ 2019
Architecture	x64
Configure Command	ccscript /nologo /ejscript configure.js "--enable-snapshot-build" "--enable-debug-pack" "--with-pdo-oci=c:\php-snap-build\dep-aux\oracle\x64\instantclient_12_1\sdk\shared" "--with-oci8-12c=c:\php-snap-build\dep-aux\oracle\x64\instantclient_12_1\sdk\shared" "--enable-object-out-dir=.\obj/" "--enable-com-dotnet=shared" "--without-analyzer" "--with-pgo"
Server API	CGI/FastCGI
Virtual Directory Support	enabled
Configuration File (php.ini) Path	no value
Loaded Configuration File	(none)
Scan this dir for additional .ini files	(none)
Additional .ini files parsed	(none)
PHP API	20200930
PHP Extension	20200930
Zend Extension	420200930
Zend Extension Build	API420200930.TS.VS16
PHP Extension Build	API20200930.TS.VS16
Debug Build	no
Thread Safety	enabled
Thread API	Windows Threads
Zend Signal Handling	disabled
Zend Memory Manager	enabled
Zend Multibyte Support	disabled
IPv6 Support	enabled
DTrace Support	disabled
Registered PHP Streams	php, file, glob, data, http, ftp, zip, compress.zlib, phar
Registered Stream Socket Transports	tcp, udp
Registered Stream Filters	convert.iconv*, string.rot13, string.toupper, string.tolower, convert*, consumed, dechunk, zlib.*

(3) 浏览器访问 127.0.0.1/mysql.php 能看到 连接成功, 表明 PHP 后台连接 Mysql 成功

8、部署 wordpress

- (1) 浏览器访问 127.0.0.1/wordpress
- (2) 创建数据库 名字一定要记得!!!