

js

<http://www.rupeng.com/innersupesite/index.php/7/viewspace-583>

JS :

```
function arial_strlen(val, word_length){
```

```
var lencounter=0;
```

```
var sub_str = 0;
```

```
for (var i = 0; i < val.length; i++) {
```

```
if(ck_null(word_length) != '-'){
```

```
if(Math.ceil(lencounter*2) >= word_length){
```

```
return sub_str;
```

```
}
```

```
}
```

```
ch = val.substr(i,1);
```

```
var char_050 = ",./;[]=-/*-!@#$$%^&*()_{}:~<>?1234567890fijlrlt";
```

```
asc_ch = ch.charCodeAt();
```

```
//if(ord(ch)>128){
```

```
if (ch.match(/[^x00-xff]/ig) != null){
```

```
lencounter++;
```

```
}else if(char_050.indexOf(ch) != -1){
```

```
lencounter+=0.5;
```

```
}else if(asc_ch>=48 && ch<=57){
```

```
lencounter+=0.55;
```

```
}else if(asc_ch>=97 && asc_ch<=122){//a~z
```

```
lencounter+=0.55;
```

```
}else if(asc_ch>=65 && asc_ch<=90){//A~Z
```

```
lencounter+=0.8;
```

```
}else{
```

```
lencounter++;
```

```
}
```

```
sub_str++;
```

```
}
```

```
return Math.ceil(lencounter*2);
```

}

~~~~~  
~~~~~

php strlen mb_strlen

imagettftext

function tf_strlen(\$str)

{

return ceil(tf_strwidth(\$str)/tf_strwidth(' '));

}

function tf_strwidth(\$str)

```
{
```

```
$im=imagecreatetruecolor(10,10);
```

```
$r=imagettftext($im, 12, 0, 5, rand(14, 16),0, 'arial.ttf', $str);
```

```
return $r[2]-$r[0];
```

```
}
```

arial.ttf php。 tf_strlen。 imagettftext GD

```
$begin=microtime(true);
```

```
$im=imagecreatetruecolor(1000,1000);
```

```
for($i=0;$i<10000;$i++)
```

```
{
```

```
imagettftext($im, 12, 0, 5, rand(14, 16),0, 'arial.ttf', "rupeng.com");
```

```
}
```

```
$t1=microtime(true)-$begin;
```

```
echo 'imagettftext '. $t1. '<br/>';
```

```
$begin=microtime(true);
```

```
for($i=0;$i<10000;$i++)
```

```
{
```

```
    strlen("rupeng.com");
```

```
}
```

```
$t2=microtime(true)-$begin;
```

```
echo 'strlen '. $t2. '<br/>';
```

```
echo $t1/$t2.<br/>;
```

imagettftext strlen 4000 CPU

arial 1、 i、 0.4 1 0.7
i、 0.7 0.8。 1/2

```
function arial_strlen($str)
```

```
{
```

```
$lencounter=0;
```

```
for($i=0;$i<strlen($str);$i++)
```

```
{
```

```
$ch=${str[$i];
```

```
if(ord($ch)>128)
```

```
{
```

```
$i++;
```

```
$lencounter++;
```

```
}
```

```
else if($ch=='f' || $ch=='i' || $ch=='j' || $ch=='l' || $ch=='r' || $ch==''
```

```
|| $ch=='t' || $ch=='1'
```

```
|| $ch=='.' || $ch==':' || $ch==';' || $ch=='(' || $ch==''
```

```
|| $ch=='*' || $ch=='!' || $ch=='')
```

```
{
```


\$lencounter+=0.4;

}

else if(\$ch>='0'&&\$ch<='9')

{

\$lencounter+=0.7;

}

else if(\$ch>='a'&&\$ch<='z')

{

\$lencounter+=0.7;

}

else if(\$ch>='A'&&\$ch<='Z')

{

```
$lencounter+=0.8;
```

```
}
```

```
else
```

```
{
```

```
$lencounter++;
```

```
}
```

```
}
```

```
return ceil($lencounter*2);
```

```
}
```

imagettftext CPU

□□□□□□□□□□□□ C#、Java□□□□。