

PHP 实现统计代码行数小工具

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原文链接: <https://ld246.com/article/1568884810037>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

使用实例:

```
<?php
```

```
class TotalCode {

    /**
     * 统计当前文件有多少行代码,
     * @return TotalCodeInfo
     */
    public function totalByFile($fullFileName) {
        $fileContent = file_get_contents($fullFileName);
        $lines = explode("\n", $fileContent);
        $lineCount = count($lines);

        for($i = $lineCount - 1; $i > 0; $i -= 1) {
            $line = $lines[$i];
            if ($line != "") break;
            $lineCount -= 1; //最后几行是空行的要去掉。
        }
        unset($fileContent);
        unset($lines);

        $totalCodeInfo = new TotalCodeInfo();
        $totalCodeInfo->setFileCount(1);
        $totalCodeInfo->setLineCount($lineCount);
        return $totalCodeInfo;
    }

    /**
     * 统计当前目录下 (含子目录)
     * 有多少文件, 以及多少行代码
     *
     * totalInfo = array( "fileCount"=>?, "lineCount"=>? );
     *
     * @return TotalCodeInfo
     */
    public function totalByDir($dirName) {
        $fileList = scandir($dirName);
        $totalCodeDir = new TotalCodeInfo();
        foreach ($fileList as $fileName) {
            if ($fileName == "." || $fileName == "..") continue;
            $fullFileName = $dirName . "/" . $fileName;
            if (is_file($fullFileName)) {
                $totalCodeSub = $this->totalByFile($dirName . "/" . $fileName);
            } else if (is_dir($fullFileName)) {
                $totalCodeSub = $this->totalByDir($dirName . "/" . $fileName);
            } else {
                $totalCodeSub = new TotalCodeInfo();
            }

            $totalCodeDir->increaseByOther($totalCodeSub);
        }
        return $totalCodeDir;
    }
}
```

```

}

public function totalByDirOrFile($dirOrFileName) {
    if (is_dir($dirOrFileName)) {
        return $this->totalByDir($dirOrFileName);
    } else if (is_file($dirOrFileName)) {
        return $this->totalByFile($dirOrFileName);
    } else {
        return new TotalCodeInfo();
    }
}

public function test() {
    $re = $this->totalByDir("/export/www/pm_web/configs");
    var_dump($re);
}

public function main($dirList) {
    $totalCodeAll = new TotalCodeInfo();
    foreach($dirList as $dirName) {
        $totalCodeSub = $this->totalByDirOrFile($dirName);
        $totalCodeAll->increaseByOther($totalCodeSub);
    }
    print_r($totalCodeAll);
}

}

class TotalCodeInfo {
    private $fileCount = 0;
    private $lineCount = 0;

    public function getFileCount() { return $this->fileCount; }
    public function getLineCount() { return $this->lineCount; }
    public function setFileCount($fileCount) {
        $this->fileCount = $fileCount;
        return $this;
    }
    public function setLineCount($lineCount) {
        $this->lineCount = $lineCount;
        return $this;
    }
}

/**
 * 累加
 */
public function increaseByOther($totalCodeInfo) {
    $this->setFileCount( $this->fileCount + $totalCodeInfo->getFileCount());
    $this->setLineCount( $this->lineCount + $totalCodeInfo->getLineCount());
    return $this;
}
}

$dirList = array();

```

```
$dirList[] = "D:\phpstudy\phpstudy_pro\WWW\yag";
```

```
$obj = new TotalCode();
```

```
$obj->main($dirList);
```