



PHP Global Variables (\$GLOBALS & \$_SERVER)

Several predefined variables in PHP are “superglobals”, which means that they are always accessible regardless of scope and you can access them from any function, class or file without having to do anything special.

The PHP superglobals variables are:

- \$GLOBALS
- \$_SERVER
- \$REQUEST
- \$_POST
- \$_GET
- \$_FILES
- \$_ENV
- \$_COOKES
- \$_SESSION

PHP \$GLOBALS

\$GLOBALS is a PHP super global variable which is used to access global variables from anywhere in the PHP script (also from within functions or methods)

PHP stores all global variables in an array called \$GLOBALS [index]. The “**index**” holds the name of the variable.

```
<?php
    $x = 60;
    $y = 40;
    function addition(){
        $GLOBALS['z'] = $GLOBALS['x'] + $GLOBALS['y'];
    }

    addition();
    echo $z;
?>
```

PHP \$_SERVER

\$_SERVER is a PHP super global variable which holds information about headers, paths and script locations.

```
<?php
    $echo $_SERVER['PHP_SELF'];
?>
```

Returns the filename of the currently executing script

```
<?php
    $echo $_SERVER['SERVER_NAME'];
?>
```

Returns the name of the host server

```
<?php
    $echo $_SERVER['REMOTE_ADDR'];
?>
```

Returns the IP address from where the user is viewing the current page

```
<?php
    $echo $_SERVER['HTTP_USER_AGENT'];
?>
```

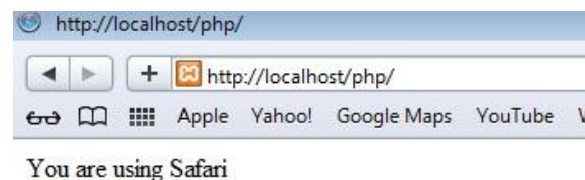
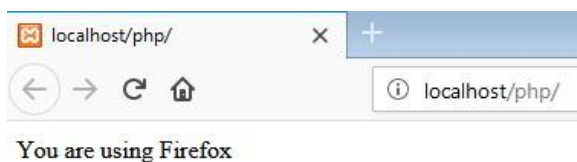
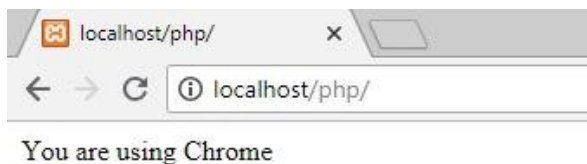
Returns the sort of browser and the Operating System (OS) the user is viewing the current page

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PRATICAL EXAMPLE:

Below is an algorithm that will check the type of browser a user is viewing your page.

```
<?php
    $browser_name = $_SERVER['HTTP_USER_AGENT'];
    if(strpos($browser_name, 'Chrome')){
        echo 'You are using Chrome';
    }else if(strpos($browser_name, 'Safari')){
        echo 'You are using Safari';
    }else if(strpos($browser_name, 'Firefox')){
        echo 'You are using Firefox';
    }else if(strpos($browser_name, 'MSIE')){
        echo 'You are using Internet Explorer';
    }else{
        echo 'Others';
    }
?>
```



This algorithm would be useful if you want to restrict access to your website base on certain browsers or maybe the content of your site looks better on certain browsers or something like that.