

How to detect client browser in php?

Browser Detection is a set of techniques used in websites and web applications in order to determine the web browser a visitor is using, and to serve browser-appropriate content to the visitor. This practice is sometimes utilized to circumvent incompatibilities between browsers due to misinterpretation of HTML, Cascading Style Sheets (CSS), or the Document Object Model (DOM).

For detecting the browser details and compatibilities in PHP is done with the help of `get_browser()`.

get_browser():

The `get_browser()` function looks up the user's `browscap.ini` file and returns the capabilities of the user's browser.

Syntax:

```
get_browser(user_agent, return_array)
```

Parameters:

user_agent

The User Agent to be analyzed. By default, the value of HTTP User-Agent header is used; however, you can alter this (i.e., look up another browser's info) by passing this parameter. You can bypass this parameter with a **NULL** value.

return_array

If set to **TRUE**, this function will return an array instead of an object.

Return Values:

Returns an object or an array with information about the user's browser on success, or **FALSE** on failure

//Simple Code for detecting the browser.

```
<?php
$agent=get_broswer(null, true);
print_r($agent); // just to know what type of array get_browser returns
echo $agent['browser'];
echo '<br>';
?>
```

Note:

In order for this to work, your **browscap** configuration setting in **php.ini** must point to the correct location of the **browscap.ini** file on your system.

browscap.ini is not bundled with PHP, but you have to download the new update of browscap.ini from **www.browscap.org**

While **browscap.ini** contains information on many browsers, it relies on user updates to keep the database current. The format of the file is fairly self-explanatory.

Steps to follow for configuring the **browscap.ini** after downloading the updated version of it

Step 1: open xampp folder from your drive → now in that open the php folder → find the folder name as extras.
(C:\xampp\php\extras)

Step 2: Now you will find browscap.ini file, replace this file from the latest downloaded browscap.ini files.

Step 3: Now just restart your server i.e xampp and then run the above code.