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Thread: [Help With Detecting OS Programmatically](#)

FantaŠec - March 21, 2018, 8:41 am

Does anyone have any ideas on detecting whether a system is a Windows 10S system programmatically (Javascript/PHP/etc)? I have attempted to use javascript (navigator.userAgent, and a few others), with no success.

The problem comes into play that Windows 10S does not allow any application that is not in the MS App Store to be installed, so I cant just have a user run the program and have it report back, because it wont execute due to the MS restriction. Any ideas would be hugely appreciated.

Nachfolger - March 21, 2018, 10:02 am

I'll be damned if you manage to get a markup language (HTML) to detect an OS.

OT: See the below answer

PHP Code

```
<?php
```

```
$user_agent = $_SERVER['HTTP_USER_AGENT'];
```

```
function getOS() {
```

```
    global $user_agent;
```

```
    $os_platform = "Unknown OS Platform";
```

```
    $os_array = array(
```

```
        '/windows nt 10/i'    => 'Windows 10',
```

```
        '/windows nt 6.3/i'    => 'Windows 8.1',
```

```
        '/windows nt 6.2/i'    => 'Windows 8',
```

```
        '/windows nt 6.1/i'    => 'Windows 7',
```

```
        '/windows nt 6.0/i'    => 'Windows Vista',
```

```
        '/windows nt 5.2/i'    => 'Windows Server 2003/XP x64',
```

```
        '/windows nt 5.1/i'    => 'Windows XP',
```

```
        '/windows xp/i'        => 'Windows XP',
```

```
        '/windows nt 5.0/i'    => 'Windows 2000',
```

```
        '/windows me/i'        => 'Windows ME',
```

```
        '/win98/i'             => 'Windows 98',
```

```
        '/win95/i'             => 'Windows 95',
```

```
        '/win16/i'             => 'Windows 3.11',
```

```
        '/macintosh|mac os x/i' => 'Mac OS X',
```

```
        '/mac_powerpc/i'       => 'Mac OS 9',
```

```
        '/linux/i'             => 'Linux',
```

```
        '/ubuntu/i'            => 'Ubuntu',
```

```
        '/iphone/i'            => 'iPhone',
```

```
        '/ipod/i'              => 'iPod',
```

```
        '/ipad/i'              => 'iPad',
```

```
        '/android/i'           => 'Android',
```

```
        '/blackberry/i'        => 'BlackBerry',
```

```
        '/webos/i'             => 'Mobile'
```

```
    );
```

```
    foreach ($os_array as $regex => $value)
```

```
    if (preg_match($regex, $user_agent))  
        $os_platform = $value;  
    return $os_platform;  
}
```

<https://stackoverflow.com/questions/18070154/get-operating-system-info>

FantaSec - March 21, 2018, 7:18 pm

Unfortunately the useragent Windows 10S sends up is identical to Windows 10. I am attempting to find a way to figure out which is which from a web instance.