

Detecting browsers javascript hacks

Detecting browsers javascript hacks - Gareth Heyes, thespanner.co.uk.

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Content

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Thursday, 29 January 2009

I enjoyed my last experiment to create tiny browser detection hacks, so I thought I'd try and do some more in other browsers. I've found these while testing Hackvertor and writing the inspection functions. The rules are simple if you want to post your own:-

1. The variable assignment must be the abbreviation of the browser. E.g. FF, IE, Op, Saf, Chr.
 1. The detection shouldn't be able to be overwritten. E.g. IE=!top.execScript is incorrect because a web site can redefine execScript as a variable or function.
 2. Small and as fast as possible please.

To start off, this one was found by DoctorDan from the slackers forums:-

```
//Firefox detector 2/3 by DoctorDan  
FF=/a/[-1]== 'a'
```

```
//Firefox 3 by me:-  
FF3=(function x({})[-5]== 'x')
```

//Firefox 2 by me:-

```
FF2=(function x({})[-6]== 'x')
```

//IE detector I posted previously

```
IE='v'=='v'
```

//Safari detector by me

```
Saf=/a/.__proto__=='/'
```

//Chrome by me

```
Chr=/source/.test((/a/.toString+"))
```

//Opera by me

```
Op=/^function \(/.test([].sort)
```

//IE6 detector using conditionals

```
try {IE6=@cc_on @_jscript_version <= 5.7&&@_jscript_build<10000} catch(e){IE6=false;}
```

As I come across more developing Hackvertor I shall post them here. Please post your own or verify any of the ones posted.

Update...

One line to rule them all:-

```
B=(function x({})[-5]== 'x'?FF3:(function x({})[-6]== 'x'?FF2:/a/[-1]== 'a'?FF:'v'=='v'?IE:/a/.__proto__=='/'?'Saf':/s/.test(/
```

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