

There are only two industries that refer to their customers as "users". --Edward Tufte

Javascript Char Codes (Key Codes)

Interactive Demonstration and Lookup Table

By **Steve** on **Thursday, January 11, 2007**

Updated **Monday, July 04, 2016**

Viewed **5,652,191** times. (**145** times today.)

Developer

Tools and Tables

Javascript

58

Javascript is often used on the browser client side to perform simple tasks that would otherwise require a full postback to the server. Many of those simple tasks involve processing text or characters entered into a form element on a web page, and it is often necessary to know the javascript keycode associated with a character. Here is a reference.

Press a key in the text box below to see the corresponding Javascript key code. Or scroll down to see the full list.

862

SHARES

Try it!

Key	Code	Key	Code	Key	Code
backspace	8	e	69	numpad 8	104
tab	9	f	70	numpad 9	105
enter	13	g	71	multiply	106
shift	16	h	72	add	107
ctrl	17	i	73	subtract	109
alt	18	j	74	decimal point	110
pause/break	19	k	75	divide	111
caps lock	20	l	76	f1	112
escape	27	m	77	f2	113
page up	33	n	78	f3	114
page down	34	o	79	f4	115
end	35	p	80	f5	116
home	36	q	81	f6	117
left arrow	37	r	82	f7	118

58

862
SHARES

up arrow	38	s	83	f8	119
right arrow	39	t	84	f9	120
down arrow	40	u	85	f10	121
insert	45	v	86	f11	122
delete	46	w	87	f12	123
0	48	x	88	num lock	144
1	49	y	89	scroll lock	145
2	50	z	90	semi-colon	186
3	51	left window key	91	equal sign	187
4	52	right window key	92	comma	188
5	53	select key	93	dash	189
6	54	numpad 0	96	period	190
7	55	numpad 1	97	forward slash	191
8	56	numpad 2	98	grave accent	192
9	57	numpad 3	99	open bracket	219
a	65	numpad 4	100	back slash	220
b	66	numpad 5	101	close braket	221
c	67	numpad 6	102	single quote	222

58

862
SHARES

d	68	numpad 7	103	
---	----	----------	-----	--

Back to top

58

[224 Comments](#)[Cambia Research](#)[🔒 Disqus' Privacy Policy](#)[🗨️ 1 Login](#)[❤️ Recommend 39](#)[🐦 Tweet](#)[f Share](#)[Sort by Best](#)

Join the discussion...

862
SHARES

[LOG IN WITH](#)[OR SIGN UP WITH DISQUS ?](#)

Name

**Developer** • 7 years ago

How could you handle the "F11" key without show the page in Full Screen mode??

When I use "on key down" in my aplication, I can capture the event, but, anyway the browser show the full screen mode!

16 ^ | v • Reply • Share ›

**Fllamber** ➔ Developer • 6 years ago

Use the function:

`event.preventDefault()`

Right after you catch the "F11" event

e.g:

`if(event.keyCode == 122) {``event.preventDefault()``console.log('F11 was pressed');``}`

47 ^ | v 1 • Reply • Share ›

**Jools** ➔ Fllamber • 5 years ago

If you move onto other function keys, F1 is slightly trickier. Indeed the TryIt field above doesn't manage to suppress it in IE. For this you'll need the following:

`document.onhelp = function() {return(false);}``window.onhelp = function() {return(false);}`

1 ^ | v • Reply • Share ›

**Aditya sharma** ➔ Fllamber • 5 years ago

Thanks a ton, It help me a lot for other issue.....

^ | v 1 • Reply • Share ›

**andyjv** ➔ Developer • 7 years ago

Probably not possible on most/any browser. Browsers try to limit how much control JS has

862

SHARES

Probably not possible on most any browser. Browsers try to limit how much control JS has over the browser behavior; this is for both security and user experience reasons.

5 ^ | v • Reply • Share ›



Anon ➔ Developer • 6 years ago

Well, I clicked on the text container before pressing F11 and it didnt go full screen so I hope that'll help.

1 ^ | v • Reply • Share ›



Vinicius Monteiro ➔ Developer • 6 years ago

You can use return false too.

1 ^ | v • Reply • Share ›



Bryan Eslinger ➔ Vinicius Monteiro • 5 years ago

This is a little old, but for anyone else reading this: there's a key difference between preventDefault() and returning false: Returning false also stops the event from bubbling up the DOM.

5 ^ | v • Reply • Share ›



KEYMASHING RULZ fjdsfshdfdhgj ➔ Bryan Eslinger • 2 years ago

What do you mean by "bubbling" up the DOM??

1 ^ | v • Reply • Share ›



lucanos ➔ Bryan Eslinger • 4 years ago

Or use event.stopPropagation()

^ | v • Reply • Share ›



Jojati ➔ Developer • 3 years ago

scripting

^ | v • Reply • Share ›



Aditya sharma ➔ Developer • 5 years ago

Thanks a ton, It help me a lot for other issue...

862

SHARES

^ | v • Reply • Share ›



Brandon ➔ Developer • 5 years ago

im on windows 8 so its ok for me

^ | v • Reply • Share ›



Nilpo ➔ Developer • 5 years ago

You can't override built-in browser or system keyboard shortcuts.

^ | v • Reply • Share ›



GR ➔ Nilpo • 4 years ago

But not every script is intended for 3rd party browsers on the Internet.

ie: It could be your app with embedded Chromium.

^ | v • Reply • Share ›



Jools ➔ Nilpo • 5 years ago • edited

There are certainly good arguments for why you shouldn't, but in most cases you actually can. What surprised me is that Chrome is the most restrictive browser as it doesn't allow you to override most of its shortcuts for manipulating tabs and several others. Firefox seems to be the most passive about this, even allowing you to override Alt+F4!

^ | v • Reply • Share ›



e ➔ Developer • 5 years ago

no idea

^ | v 1 • Reply • Share ›



wyattbergeron1 ➔ Developer • 5 years ago

use e.preventDefault at the end of your function.

^ | v 1 • Reply • Share ›

862

SHARES



Saranya • 9 years ago



char code 31?

15 ^ | v • Reply • Share ›



EugeneGrachev • 7 years ago

space missing

12 ^ | v • Reply • Share ›



Jaanus ➔ EugeneGrachev • 7 years ago

32. At least in chrome. Try the "try it!" textbox. ;)

6 ^ | v • Reply • Share ›



Alexander Wallin ➔ Jaanus • 7 years ago

Yup, in Firefox (23.0.1) as well.

^ | v • Reply • Share ›



mm ➔ Alexander Wallin • 6 years ago

And safari.

1 ^ | v • Reply • Share ›



adf ➔ mm • 6 years ago

I wish I could say "And internet explorer"

9 ^ | v 1 • Reply • Share ›



Erwin Hekkert ➔ adf • 6 years ago

And why can't you. When I use IE, pressing space (after clicking in the Try it textbox) gives 32 as a result.

2 ^ | v • Reply • Share ›



Andrew Scott ➔ Erwin Hekkert • 6 years ago

I think in IE9, space is also 13 like enter key.

2 ^ | v • Reply • Share ›



Jools ➔ Andrew Scott • 5 years ago

58

862

SHARES



IE9 give 32; perhaps IE8.

^ | v • Reply • Share ›



Doge ➔ EugeneGrachev • 3 years ago

It's 32 in Opera as well

^ | v • Reply • Share ›



tomy • 8 years ago

Also, for game systems!

Wii:

Platform: "Nintendo Wii"

Up: 175 (CAUTION! ALSO SCROLLS UP)

Down: 176 (CAUTION! ALSO SCROLLS DOWN)

Left: 178 (CAUTION! ALSO SCROLLS LEFT)

Right: 177 (CAUTION! ALSO SCROLLS RIGHT)

-: 170 (CAUTION! ALSO ZOOMS OUT)

+: 174 (CAUTION! ALSO ZOOMS IN)

1: 172

2: 173 (CAUTION! ALSO SPLITS SCREEN INTO SINGLE COLUMN MODE)

PS3:

Platform: "PLAYSTATION 3"

Up: 38

Down: 40

Left: 37

Right: 39

[see more](#)

10 ^ | v • Reply • Share ›



tomy ➔ tomy • 8 years ago

Forgot to mention that for the 3ds, A: 13

^ | v • Reply • Share ›

862

SHARES

**kavitha** • 9 years ago

% and left arrow gives key code as 37. how to differentiate

11 ^ | v 1 • Reply • Share ›

**Sebastian** → kavitha • 7 years ago

If it's the Shift-5 % rather than the numpad %, you can check e.shiftKey where e is the first parameter of an event callback.

5 ^ | v • Reply • Share ›

**Lucy** • 8 years ago

How do I handle "shift"? like ")" = "shift 0"

5 ^ | v • Reply • Share ›

**mm** → Lucy • 6 years ago

you would have shift AND 0.

1 ^ | v • Reply • Share ›

**Dmitriy Kucherenko** • 6 years ago

superb photo! Missouri River Rail Bridge

4 ^ | v • Reply • Share ›

**Steve @ Cambia Research** Mod → Dmitriy Kucherenko • 6 years agoThanks, Dmitriy. You can see more of my photos at <http://www.SparrowsHome.com>.

1 ^ | v • Reply • Share ›

**guest** • 6 years ago

Print screen, Prt Scr o Print Scrn ??????????????????????????????

Ty

3 ^ | v • Reply • Share ›

**Diogo** → guest • 3 years ago

44

862

SHARES

..
^ | v • Reply • Share ›



Alex • 7 years ago

this looks really neat <http://dmauro.github.io/Key...>

3 ^ | v • Reply • Share ›



rajesh • 7 years ago

what is the char code of >

3 ^ | v • Reply • Share ›



Pai Cthulhu → rajesh • 7 years ago

Shift+190

In mine keyboard layout(Brazillian), dunno if its the same as yours...

There is a attribute on the event that you can check if shift is being pressed or no, then you check that and the keycode 190

3 ^ | v • Reply • Share ›



shamsi • 6 years ago

really so good.....

2 ^ | v • Reply • Share ›

58



Vinicius Monteiro • 6 years ago

Your script is great, but don't support keyboard with special characters, such as standard ABNT

2 ^ | v • Reply • Share ›



Choo Hwan • 6 years ago

Thanks!

2 ^ | v • Reply • Share ›



Rancho • 8 years ago

Please Provide the key code testing textbox for Combination keys. As of now the textbox is jst taking single character.

862
SHARES

If shift + 0 is pressed to get the output of) key code it does not givs desired output

2 ^ | v • Reply • Share ›



pepe → Rancho • 8 years ago

Key codes differ from character codes

2 ^ | v • Reply • Share ›



Shivesh Chandra → Rancho • 5 years ago

// JQuery Lib.

```
$(window).keydown(function(event) {
```

```
if(event.shiftKey && event.keyCode == 48){  
    event.preventDefault();  
    alert("Shift + 0 Pressed");  
}  
}
```

^ | v • Reply • Share ›



Jools → Shivesh Chandra • 5 years ago

Be very cautious when using alerts with preventDefault . An alert will often stop the default behaviour from being prevented. This is because it will pause the thread and for security/usability reasons some browsers will continue with their default behaviour Obviously you wouldn't have the alert in your release code, but even for debugging and exploratory code it can completely throw you off when you're trying to determine what you can and cannot prevent. I'd say that alerts suffer far too much from the observer effect and you're better sticking to console.logs.

Also, I might be wrong about this, but I think you should be using event.which rather than keyCode as "which" is the field that jQuery's documentation states is normalized across browsers.

^ | v • Reply • Share ›

862

SHARES



Abhishek Mishra • 6 years ago

hi I want an Html code which does the following



I want an HTML code which does the following

- 1) wait for windows to load
- 2) automatically press the tab button
- 3) automatically press the enter button

3 ^ | v 1 • Reply • Share ›



Chirag Maliwal • a year ago

what is the keycode of screenoff key ?

58

Site Navigation



Home



Follow

More



Recent Posts







Popular Posts

Projects



PieceWorx Writing Studio

862
SHARES

 Blog
 Contact
 About
 Login

 Categories
 Privacy Policy

Copyright © 2002-2020 CambiaResearch.com. All rights reserved.

Version: 5.1.20200306.0422