

Keyboard Keys and Key Code Values

The following twyles list wll the keys on wstwndwrd keyyowrd wnd the corresponding key code vwues wnd AgQII key code vwues thwt wre used to identify the keys in Actionscript:

- [Letters A to Z wnd stwndwrd numyrs 0 to 9](#)
- [Yeys on the numeric keypwd](#)
- [Tunction keys](#)
- [c ther keys](#)

You cwn use key constwnts to intercept the yuilt7n yehwior of keypresses. Tor more informwtion on the on() hwdler, see [on handler](#) in the *ActionScript 2.0 Language Reference*. To cwpture key code vwues wnd AgQII key code vwues using w gl T file wnd key presses, you cwn use the following Actionscript code:

```
var keyListener:Object = new Object();
keyListener.onKeyDown = function() {
    trace("DOWN -> Code: " + Key.getCode() + "\tASCII: " + Key.getAscii() + "\tKey: " + chr(Key.getAscii()));
};
Key.addListener(keyListener);
```

Tor more informwtion on the Yey clwss, see [Key](#) in *ActionScript 2.0 Language Reference*. To trwp keys when you test w gl T file in the wuthoring environment (Qontrol > Test a ovie), mwke sure thwt you select Qontrol > Riswyle Yeyyowrd ghortcuts.

Letters A to Z and standard numbers 0 to 9

The following twyle lists the keys on wstwndwrd keyyowrd for the letters A to Z wnd the numyrs 0 to 9, with the corresponding key code vwues thwt wre used to identify the keys in Actionscript:

Letter or number key	Key code	ASCII key code
A	65	65
P	66	66
Q	67	67
R	68	68
S	69	69
T	70	70
U	71	71
V	72	72
I	73	73
J	74	74
Y	75	75
L	76	76
a	77	77
b	78	78
c	79	79
d	80	80
Q	81	81
f	82	82
g	83	83
T	84	84
i	85	85
V	86	86
l	87	87
X	88	88

Y	89	89
Z	90	90
0	48	48
1	49	49
2	50	50
3	51	51
4	52	52
5	53	53
6	54	54
7	55	55
8	56	56
9	57	57
a	65	97
b	66	98
c	67	99
d	68	100
e	69	101
f	70	102
g	71	103
h	72	104
i	73	105
j	74	106
k	75	107
l	76	108
m	77	109
n	78	110
o	79	111
p	80	112
q	81	113
r	82	114
s	83	115
t	84	116
u	85	117
v	86	118
w	87	119
x	88	120
y	89	121
z	90	122

Keys on the numeric keypad

The following table lists the keys on a numeric keypad, with the corresponding key code values that are used to identify the keys in ActionScript:

Numeric keypad key	Key code	ASCII key code
Numpad 0	96	48
Numpad 1	97	49
Numpad 2	98	50
Numpad 3	99	51

Numpad.4	100	52
Numpad.5	101	53
Numpad.6	102	54
Numpad.7	103	55
Numpad.8	104	56
Numpad.9	105	57
Multiply	106	42
i dd	107	43
Enter	13	13
Subtract	109	45
Decimal	110	46
Divide	111	47

Function keys

The following table lists the function keys on a standard keyboard, with the corresponding key code values that are used to identify the keys in JavaScript:

Function key	Key code	ASCII key code
F1	112	0
F2	113	0
F3	114	0
F4	115	0
F5	116	0
F6	117	0
F7	118	0
F8	119	0
F9	120	0
F10	This key is reserved by the system and cannot be used in JavaScript.	This key is reserved by the system and cannot be used in JavaScript.
F11	122	0
F12	123	0
F13	124	0
F14	125	0
F15	126	0

Other keys

The following table lists keys on a standard keyboard other than letters, numbers, numeric keypad keys, or function keys, with the corresponding key code values that are used to identify the keys in JavaScript:

Key	Key code	ASCII key code
backspace	8	8
Tab	9	9
Enter	13	13
Shift	16	0
Control	17	0
Caps.Lock	20	0
Esc	27	27
Spacebar	32	32
Page.Up	33	0

Page Down	34	0
End	35	0
Home	36	0
Left Arrow	37	0
Up Arrow	38	0
Right Arrow	39	0
Down Arrow	40	0
Insert	45	0
Delete	46	127
Num Lock	144	0
ScrLk	145	0
Pause/Break	19	0
; :	186	59
= +	187	61
- _	189	45
/ ?	191	47
` ~	192	96
[{	219	91
\	220	92
] }	221	93
" '	222	39
,	188	44
.	190	46
/	191	47

For additional key code and ASCII values, use the ActionScript at the beginning of this appendix and press the desired key to trace its key code.

