

Where the h/j/k/l
navigation in vi(m)
comes from

telegnom

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ADM 3a terminal



source: vintagecomputer.ca

ADM 3a terminal



but why?

but why?
unused keys?

but why?

unused keys? \times

easy to reach?

but why?

unused keys? ✗

easy to reach? ✗

RFC 20?



RFC 20

So let's talk about RFC 20

What is RFC 20?

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USA Standard Code for Information
Interchange

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also known as ASCII

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USA Standard Code for Information
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also known as ASCII

or US-ASCII to be more specific

But where is the link?

Let's have a closer look

2. Standard Code

Bits					2. Standard Code					
b7	b6	b5	COLUMN							
b4	b3	b2	b1	ROW	0 0 0	0 0 1	0 1 0	0 1 1	1 0 0	1 0 1
|	|	|	|		0	1	2	3	4	5
0	0	0	0	0	NUL	DLE	SP	0	@	P
0	0	0	1	1	SOH	DC1	!	1	A	Q
0	0	1	0	2	STX	DC2	"	2	B	R
0	0	1	1	3	ETX	DC3	#	3	C	S
0	1	0	0	4	EOT	DC4	\$	4	D	T
0	1	0	1	5	ENQ	NAK	%	5	E	U

H

0	1	1	1	7	BEL	ETB	'	7	G	W
1	0	0	0	8	BS	CAN	(	8	H	X
1	0	0	1	9	HT	EM	)	9	I	Y
1	0	1	0	10	LF	SUB	*	:	J	Z
1	0	1	1	11	VT	ESC	+	;	K	[
1	1	0	0	12	FF	FS	,	<	L	\
1	1	0	1	13	CR	GS	-	=	M]

Backspace / moving left

J

0	1	1	1	7	BEL	ETB	'	7	G	W
1	0	0	0	8	BS	CAN	(	8	H	X
1	0	0	1	9	HT	EM	)	9	I	Y
1	0	1	0	10	LF	SUB	*	:	J	Z
1	0	1	1	11	VT	ESC	+	;	K	[
1	1	0	0	12	FF	FS	,	<	L	\
1	1	0	1	13	CR	GS	-	=	M]

Line Feed / moving down

K

0	1	1	1	7	BEL	ETB	'	7	G	W
1	0	0	0	8	BS	CAN	(	8	H	X
1	0	0	1	9	HT	EM	)	9	I	Y
1	0	1	0	10	LF	SUB	*	:	J	Z
1	0	1	1	11	VT	ESC	+	;	K	[
1	1	0	0	12	FF	FS	,	<	L	\
1	1	0	1	13	CR	GS	-	=	M]

Vertical Tabulation / moving up

L

0	1	1	1	7	BEL	ETB	'	7	G	W
1	0	0	0	8	BS	CAN	(	8	H	X
1	0	0	1	9	HT	EM	)	9	I	Y
1	0	1	0	10	LF	SUB	*	:	J	Z
1	0	1	1	11	VT	ESC	+	;	K	[
1	1	0	0	12	FF	FS	,	<	L	\
1	1	0	1	13	CR	GS	-	=	M]

Form Feed / moving right

Thank you

talks.gnom.space/lt/en/hjkl_navigation.pdf

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