



vidcontrol -- утилита конфигурации и управления системной консолью

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VIDCONTROL(1)          ?????????? ???????? ?????? FreeBSD           VIDCONTROL(1)

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vidcontrol -- ??????? ?????????????? ? ?????????? ?????????? ?????????? ??????????

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vidcontrol [-CdLHPpx] [-b ????] [-c ???_?????] [-f [??????] ???]
[-g ???????] [-h ??????] [-i adapter | mode]
[-l ???_?????] [-M ????] [-m on | off]
[-r ???_????? ???_?????] [-S on | off] [-s ???]
[-t N | off] [?????] [???_????? [???_?????]] [show]

?????????
?????? vidcontrol ?????????????? ??? ?????????? ?????????? ??? ?????? ??????????
?????? syscons(4), ??? ?? ??????????, ???, ??? ??????, ????
????????? ????, ??? ? ??? ?????? ??? ?????? ?? ?????? ?????? ????. 

????????? ?????????? ??????:
?????    ?????? ??? ??????????. ? ?????????? ??? ?????????? ??????
?????: 80x25, 80x30, 80x43, 80x50, 80x60, 132x25, 132x30,
132x43, 132x50, 132x60, VGA_40x25, VGA_80x25, VGA_80x30,
VGA_80x50, VGA_80x60, VGA_90x25, VGA_90x30, VGA_90x43, VGA_90x50,
VGA_90x60, EGA_80x25, EGA_80x43, VESA_132x25, VESA_132x43,
VESA_132x50, VESA_132x60. ??? ?????? ??? ?????? ?????????? ???-
????? ??? VESA_800x600. ??? ?????? ??? ?????? ?????? ???-?
?????, ?? ??? ??????. ??? ?????? ?????????????? ?????????? ?????? ?
???? MODE_<?????>. ?????? ?????? ?????????? ?????? ?????? ???-
???? ? ?????? ????? -i mode. ?. ??? ?????? ?????????? ??????????.
?????????????.

????_????? [????_?????]
????????? ??? ?????????????? ????. ?????? ??? ?????? (?????-?
??, ``vidcontrol white'') ??? ? ??????, ? ??? (?????????,
``vidcontrol yellow blue''). ?????? ?????????? ?????? ????
????? ? ?????? ?????? show, ?????????? ????. 

show    ??????? ????, ???????? ?? ?????? ??????????.

-b ????
????????? ??? ?????? ? ?????? ?????? ?????? ?????? ????. ?? ??????
?????-?????? ?????????????? ??? ??????.

-c
????????? ??? ?????? ??????.

-c normal | blink | destructive
????????? ??? ?????? ??????. ?????? ??? ?????? ??? ?????? ??????, ??????-?
????? ??? (normal), ?????? ?????? (blink), ??? ??????????
?? ?????? ?????? ?????? (destructive). ?????????? ? ??????-
????????? ?????? ??????.
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-d ?????????? ?????? ?????? ?????????? ???????.

-f [??????] ????
????????? ???? ??????, ?????????? ?????? ????, ? ????????, ??????
????????? ?????? (? ?????????? ?????? ?????????? ??????? 8x8, 8x14 ?
8x16). ??? ?????? ?????? ??? ?????????? uuencode(1) ??? ????
????????? ??????. ?????????? ?????? ?????? ?????? ?????? ? ?????? ???,
????????? ?????? vidfont(1).

????????? ?????? ?????? ??????????, ? ??? ????? vidcontrol ??????-
??? ?????????? ??? ? ?????? ?????? ?????? ??????.

????????? ????????, ??? ?????? ????????????, ?????? ??? MDA ? CGA, ??
????????????? ??????????? ??????. ?????????? ?????? ??????????
????????? ?????????????? ? ?????? ?????? ??? ? ?????????? ???????????
syscons(4).

-g ????????
????????? ????????, ?????????? ?????????? ??? ?????? ??? ??????? ? ???????????-
??? ??????????. ? ?????????? ?????? ?????? ?????????? ????????,
????? ??? VESA_800x600, ?????????????? ??? ?????.. ?????????? ????
????? ?????? ?????????? ?????????????? ? ?????? ???.

-h ??????
????????? ?????? ?????? ?????? (????????? ??????) ?????? ??????
?????.

-i adapter
????????? ?????????? ?? ?????????????? ??????????????.

-i mode
????????? ????????????, ?????????? ?? ?????????????? ??????????????.

-l ?????_??????
????????? ?????? ?????????? ?????? ?? ?????????????? ?????????????? ??????
?????_?????. ???. ????? syscons(4).

-L ?????????? ?????? ?????????? ??????, ?????????????? ?? ??????????.

-M ??????
????? ?????? ?????????? ????????, ?????????????? ??? ??????????
????????? ???, ?????? ??????.

-m on | off
????????? (on) ??? ?????????? (off) ?????????? ????. ??????????????
????????? ? moused(8) ??? ?????????? ?????? ?????????? ?????????? ?
????? ? ?????????? ??????.

-p ?????????????? ?????? ?????????? ?????? ?????????????? ???????????,
????????????? ? ?????????????? ??????. ?????? vidcontrol ??????
????????????? ?????? ?????????? ? ?????????????? ?????? ? ??????????????-
??? ?????????? ??????. ?????????? ?? ??? ?????? ?????? ??? ? ??????
????? ?????? ?????? ??????????.

-P ?? ??, ?? ? -p, ?? ?????????? ?????????? ?????? ?????????????? ?
????????? ?????????? ???????, ?????????? ?????????? ?????????????? ?????????? ? ???-
??? ???????.



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-H      ?????????????? ?????????? ? -p ??? -P ? ????????? vidcontrol ?? ??,
???? ?????????? ?????? ?????? ?????? ?????? ?????? ??????????????, ? ?
????? ??????? ???? ?????? ?????.

-r ?????_?????? ?????_?????
????? ????? ?????????????????? ?????? ?? ?????_?????? ? ?????_?????.

-s on | off
????????? ??? ?????????? ?????????????? ?????? ?????????????? ??????-?
????? (vty). ???? ?????????????? ??????????, ?????? ??????????????
?? ?????? ?????????? ?????? ?????? ?????????? ??????????. (??
????????? ?????? ?????? ?????????? ??????????.) ??? ?????? ??????
?????????, ??? ????? ?????????????? ? ?????? DDB. ??? ??? ????-
??? ?? ????? ?????????? ?????? ?? ??????, ?????? ?????? ??????
????? ?????????? ??????????.

-s ??????
????? ?????????? ??????, ?????? ?????????? ??????, ??????.

-t N | off
????? ??? ?????? ?????? ?? ?????? ?????????? ?????? ?????? N ??????
??? ?????????? (off) ?????? ??????.

-x      ?????????? ??? ?????? ?????????????? ??????.

????????? ???????????
????? ??????, ??? ?? ??? ?????????????? ??? ?????? ?????? ?????? ??????-?
????? ??????????????????. ? ?????? ????? -i mode, ??? ??????, ??????,
????? ?? ?????? ?????????????? ??? ?????? ??????????????????.

????? ?? ?????????? ?????????????? ?????????? VESA ??? ?????? ?? 132
?????????, ?? ?????????? ??? ?????? ?????? ??? ?????????? VESA BIOS, ???
????????? ?????????????? KLD ?????? ??? (?. vga(4)).

????? ?? ?????????? ?????????????? ?????? VGA ? 90 ??????????, ??????????
????? ?????? ??? ? ?????? VGA_WIDTH90 (?. vga(4)).

?????????, ?????? ?? ?????? ? 25 ? 30 ???????, ?????? ???????????
????? ?????? ??????. ??? ?????? ?????? ?????? ?????? ? ??? ???????????
????????? ??? ????? -f. ??? ?????? ?????? ?????? ?????? ?? ??? ?????? ??
????, ?????? ?????????? ?????????? ? ?????? ?????????? ? ?????? vidcontrol ?????????? ??????.

?????      ?????? ??????
25 ????? 8x16 (VGA), 8x14 (EGA)
30 ????? 8x16
43 ????? 8x8
50 ????? 8x8
60 ????? 8x8

????? ??? ?????? ?????? ?????????? ??? ??? ?????? (8x8, 8x14 ? 8x16) ?????? ?
????? ?? ??????.

??? ???, ?????? ?????????? ??? ?????? ?????? ?????????????? ?????????????? ???
????????? ??????, ?????? ?????????? ?????????????? ?????????????? ?
/etc/rc.conf ??? /etc/rc.conf.local. ?????? ???.

????? ??? ?????? ?????? ?????????????? ?????????? ?????????? ??????, ???????????
????????????? ??? ?????? ?????? ?????? SC_PIXEL_MODE. ?????? ?????????? ?? ???
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????? ??? ?????? ? syscons(4).

????? ??? ?????? ?????? ????????????

??? ???????? ?????? ?????????????? ?????? ?????????????? ?????? vidcontrol
?????????? ioctl(2) CONS_SCRSHOT ?????? syscons(4). ?? ???????????
????? ?????? vidcontrol ?????? ?????? ? ?????????????? ??????????, ?
????? ?????????? ?????? ???????????.

?????????? VGA ?????? ?????????????? ? ??? ???? ??????, ?? ?????? ??? ??
????? ?????? ??????. ? ?????? ???, ?????? ??? ?????? ??? ??????, ?
????? - ?????? ??? ?????? ?????.

????? ?????????? ????? VGA ?????????? ?????????? ??????:

????	??????	????????
7 <X0000000>	1	?????? ???????
6:4 <0XXX0000>	3	????? ????
3 <0000X000>	1	????? ???? ?????
2:0 <00000XXX>	3	????? ???????

????? ?????????? ?????? ?????????? ??????:

0	??????
1	?????
2	???????
3	????????? ????
4	????????
5	???????????
6	???????????
7	?????

????????? ?????? ? ?????????????? ?????? 3 (??? ?????? ??????):

0	?????
1	?????-?????
2	?????-???????
3	???????
4	?????-???????
5	??????????
6	???????
7	????-?????

?????????, ??? ?????

65 158

????????? ?????? (??????????? ??? 7) ?????????? A (??? ??????? 65) ??????
????? (??? 3:0) ?? ?????? ??? (??? 6:4).

????????? ?????? ????? vidcontrol ?????? ?????????? ?????????? ? ??????-
????????? ???????????, ?????? ?????? ??? ?????? ?????? ?????? ???????, ???-
????????? ??? ??????.

????? 10 ??? ?????? ?????? ? ????? ??????:

????????? ????	???????????
? 1 ?? 8	????? `^SCRSHOT_`'
9	????? ?????? ?????? ??????
10	?????????? ?????????? ??? ????????



????????????? ???? ???? ???? ?? ???? ????.

???????	????	?????????
1	11	?????? ?????, ? ????????
12		?????? ?????, ? ????????
13 ? ????		?????? ???? ?????

????? ?????, ??? ???? ???? ???? 80x25 ?????????? ??? (? ??????????-
????? ?????)

53 43 52 53 48 4f 54 5f 01 02 50 19

| | | |` ???? 25
| | |`--- ???? 80
| |`----- ?? 2 ??? ??????????
|`----- ???? ???? ???? 1
----- ???? "SCRSHOT_"

????????????? ?????

????????????? ???? ????
??? ?????????? ???? ?? ??? ???? ???? ???? ???? ???? ???? ???? ???? ????
?????????, ??? ???? ???? ???? ???? ???? ? /etc/rc.conf ???
/etc/rc.conf.local:

blanktime ???? ???? ???? ???? ???? ???? ???? -t.
font8x16, font8x14, font8x8
????? ???? ???? ??? -f.
scrnmap ???? ??? ???? ???? ???? ???? ???? -l.
????????? ???? ? rc.conf(5).

????????????? ????
????? ???? ???? ???? ???? ???? ???? ???? ???? ???? ???? ???? ???? ????-
????????? ?? ????, ??? ?? ???, ??? ?? ?? ???? ???? ????-
??? ?? ?? ??? ?????. ??? ???? ?? ??? ???? ?? ??? ???? ?? ??? ???? ?? ???
????????? ???? ???? vga(4).

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/usr/share/syscons/fonts/* ?????? ??????.
/usr/share/syscons/scrnmaps/* ?????? ??? ?????? ?????? ??????.

???????

????? ???? ???? ???? /usr/share/syscons/fonts/iso-8x16.fnt, ???-
????? vidcontrol ???:

vidcontrol -f 8x16 /usr/share/syscons/fonts/iso-8x16.fnt

????????? ??? ???? ???? ???? ???? /usr/share/syscons/fonts,
????? ???? ??? ???? iso-8x16:

vidcontrol -f 8x16 iso-8x16

????? ???, ?? ???? ???? ?? ???? ?????? ?????? ` `8x16'':

vidcontrol -f iso-8x16

? ??????, ?????? ?????????? ?????? ?????? ?????? ?????? ?????? ??????. ?
????? ????? vidcontrol ??? ?????????????? ?????? ??????, ?????????????? ?



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????????? ??????:

vidcontrol -f iso

?????????? ?????? ??? ? ?????????? ??? ?????? ?????? ?????? ?????????? ??????, ??????-
????? ????? -l, ??? ???? ?????? ?????????? ? ??????????
/usr/share/syscons/scrnmaps.

vidcontrol -l iso-8859-1_to_cp437

?????????? ?????? ?????? ??????????
/usr/share/syscons/scrnmaps/iso-8859-1_to_cp437.scm.

?????????? ?????? ?????? ?????????? ?????????? ?????????? ?????? 100x37 (?????????-
????? ?? ?????????? ?????? ???):

vidcontrol -g 100x37 VESA_800x600

?????????? ?????? ?????? ?????? ?????????? ?????????? ?????? ?????????????? ?????????? ??????-
????? ?????? ?????????? ? ?????????? ??? ? ????? shot.scr:

vidcontrol -p < /dev/tt0 > shot.scr

?????????? ?????? ?????? ?????? ?????????? ?????? ?????????????? ?????????? ??????-
????? ?????? ?????????? ?? ?????????? ?????? ? ?????????????? ??????:

vidcontrol -P < /dev/tt0

????? ?????

kbdcontrol(1), vidfont(1), keyboard(4), screen(4), syscons(4), vga(4),
rc.conf(5), kldload(8), moused(8), watch(8)

????????? ?????? scr2* ? ?????????? graphics ? textproc ?? ??????????
?????.

??????

Soren Schmidt <sos [at] FreeBSD [dot] org>
Sascha Wildner

??????????

Maxim Sobolev <sobomax [at] FreeBSD [dot] org>, Nik Clayton <nik [at] FreeBSD [dot] org>

FreeBSD 6.2

23 ??????? 2006

FreeBSD 6.2

Источник (получено 2025-08-04 10:55):

<http://muff.kiev.ua/content/vidcontrol-utilita-konfiguratsii-i-upravleniya-sistemnoi-konsolyu>