vidcontrol -- утилита конфигурации и управления системной консолью

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]

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

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??????: 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). ????????? ? ???????-
????????? ???????? ?????????.

-d ?????????? ??????? ????? ????????? ??????.

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

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

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

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

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

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

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

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

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

????? ???? ??????? ? syscons(4).

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

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????????? 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	????-?????

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65 158

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

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

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

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

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      ??????    ????         ????????
      1         11           ?????? ?????????, ? ????????
                12           ??????? ?????????, ? ????????
                13 ? ????    ?????? ?????? ??????
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????? ???????, ???? ?????? ???????? 80x25 ?????????? ??? (? ??????????-
?????? ???????)

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      53 43 52 53 48 4f 54 5f 01 02 50 19
      ----------------------- -- -- -- --
                |              |  |  |  ` ?????????? 25
                |              |  |  `--- ?????????? 80
                |              |  `------ ??? 2 ????? ?????????
                |              `--------- ?????? ????? ?????? 1
                `------------------------ ?????? "SCRSHOT_"
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??????????? ?????

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

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

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

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

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

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      vidcontrol -f 8x16 iso-8x16
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????? ????, ?? ????? ?????? ?? ????????? ?????? ?????? ``8x16'':

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      vidcontrol -f iso-8x16
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? ???????, ??????? ?????????? ?????? ?????? ????? ????? ???? ??????. ?
????? ?????? vidcontrol ????? ??????????? ?????? ??????, ???????????? ?

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

vidcontrol -f iso

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

vidcontrol -l iso-8859-1_to_cp437

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

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

vidcontrol -g 100x37 VESA_800x600

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

vidcontrol -p < /dev/ttyv0 > shot.scr

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vidcontrol -P < /dev/ttyv3

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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>

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Источник (получено *2026-11-24 01:03*):
http://muff.kiev.ua/content/vidcontrol-utilita-konfiguratsii-i-upravleniya-sistemnoi-konsolyu