skopiowanie aktualnej konfiguracji

```
#  2. Change directory to the directory holding the source of the
#       kernel that you just booted.
#  3. Copy the configuraton file to this directory as .config
#  4. Have all your devices that you need modules for connected and
#      operational (make sure that their corresponding modules are loaded)
#  5. Run this script redirecting the output to some other file
#       like config_strip.
#  6. Back up your old config (if you want too).
#  7. copy the config_strip file to .config
#  8. Run "make oldconfig"
#
#  Now your kernel is ready to be built with only the modules that
#  are loaded.
#
# Here's what I did with my Debian distribution.
#
#    cd /usr/src/linux-2.6.10
#    cp /boot/config-2.6.10-1-686-smp .config
#    ~/bin/streamline_config > config_strip
#    mv .config config_sav
#    mv config_strip .config
#    make oldconfig
#
use warnings;
use strict;
use Getopt::Long;

# set the environment variable LOCALMODCONFIG_DEBUG to get


root@slack:/usr/src/linux-5.12.10#  scripts/kconfig/streamline_config.pl > config_strip
using config: '.config'
module vboxvideo did not have configs CONFIG_DRM_VBOXVIDEO
module vboxguest did not have configs CONFIG_VBOXGUEST
root@slack:/usr/src/linux-5.12.10# mv .config config.old
root@slack:/usr/src/linux-5.12.10# mv config_strip .config
root@slack:/usr/src/linux-5.12.10#
```

uruchomienie tworzenia konfiguracji starą metodą

```
#
use warnings;
use strict;
use Getopt::Long;

# set the environment variable LOCALMODCONFIG_DEBUG to get


root@slack:/usr/src/linux-5.12.10#  scripts/kconfig/streamline_config.pl > config_strip
using config: '.config'
module vboxvideo did not have configs CONFIG_DRM_VBOXVIDEO
module vboxguest did not have configs CONFIG_VBOXGUEST
root@slack:/usr/src/linux-5.12.10# mv .config config.old
root@slack:/usr/src/linux-5.12.10# mv config_strip .config
root@slack:/usr/src/linux-5.12.10# make oldconfig
  HOSTCC  scripts/basic/fixdep
  HOSTCC  scripts/kconfig/conf.o
  HOSTCC  scripts/kconfig/confdata.o
  HOSTCC  scripts/kconfig/expr.o
  LEX     scripts/kconfig/lexer.lex.c
  YACC    scripts/kconfig/parser.tab.[ch]
  HOSTCC  scripts/kconfig/lexer.lex.o
  HOSTCC  scripts/kconfig/parser.tab.o
  HOSTCC  scripts/kconfig/preprocess.o
  HOSTCC  scripts/kconfig/symbol.o
  HOSTCC  scripts/kconfig/util.o
  HOSTLD  scripts/kconfig/conf
*
* Restart config...
*
*
* General setup
*
Compile also drivers which will not load (COMPILE_TEST) [N/y/?] n
Local version - append to kernel release (LOCALVERSION) [-smp] -smp
Automatically append version information to the version string (LOCALVERSION_AUTO) [N/y/?] n
Build ID Salt (BUILD_SALT) [] (NEW) _
```

W trakcie tworzenia obrazu
#make bzImage

```
CC      kernel/cgroup/pids.o
CC      kernel/cgroup/cpuset.o
CC      arch/x86/kernel/i8253.o
CC      arch/x86/kernel/hw_breakpoint.o
CC      arch/x86/kernel/tsc.o
AR      kernel/cgroup/built-in.a
CC      kernel/trace/trace_clock.o
CC      kernel/trace/ftrace.o
CC      arch/x86/kernel/tsc_msr.o
CC      arch/x86/kernel/io_delay.o
CC      arch/x86/kernel/rtc.o
CC      arch/x86/kernel/pci-iommu_table.o
CC      arch/x86/kernel/resource.o
AS      arch/x86/kernel/irqflags.o
CC      arch/x86/kernel/static_call.o
CC      arch/x86/kernel/process.o
CC      kernel/trace/ring_buffer.o
CC      arch/x86/kernel/ptrace.o
CC      kernel/trace/trace.o
CC      arch/x86/kernel/tls.o
CC      arch/x86/kernel/step.o
CC      arch/x86/kernel/i8237.o
CC      arch/x86/kernel/stacktrace.o
CC      arch/x86/kernel/reboot.o
CC      arch/x86/kernel/msr.o
CC      kernel/trace/trace_output.o
CC      arch/x86/kernel/cpuid.o
CC      arch/x86/kernel/early-quirks.o
CC      kernel/trace/trace_seq.o
CC      kernel/trace/trace_stat.o
CC      arch/x86/kernel/smp.o
CC      kernel/trace/trace_printk.o
CC      arch/x86/kernel/smpboot.o
CC      kernel/trace/trace_sched_switch.o
CC      kernel/trace/trace_functions.o
CC      arch/x86/kernel/tsc_sync.o
```

tworzenie modułów za pomocą #make modules

```
  LD [M]  sound/pci/snd-ens1371.ko
  LD [M]  sound/pci/snd-es1938.ko
  LD [M]  sound/pci/snd-es1968.ko
  LD [M]  sound/pci/snd-fm801.ko
  LD [M]  sound/pci/snd-intel8x0.ko
  LD [M]  sound/pci/snd-intel8x0m.ko
  LD [M]  sound/pci/snd-maestro3.ko
  LD [M]  sound/pci/snd-rme32.ko
  LD [M]  sound/pci/snd-rme96.ko
  LD [M]  sound/pci/snd-sis7019.ko
  LD [M]  sound/pci/snd-sonicvibes.ko
  LD [M]  sound/pci/snd-via82xx-modem.ko
  LD [M]  sound/pci/snd-via82xx.ko
  LD [M]  sound/pci/trident/snd-trident.ko
  LD [M]  sound/pci/vx222/snd-vx222.ko
  LD [M]  sound/pci/ymfpci/snd-ymfpci.ko
  LD [M]  sound/pcmcia/pdaudiocf/snd-pdaudiocf.ko
  LD [M]  sound/pcmcia/vx/snd-vxpocket.ko
  LD [M]  sound/soundcore.ko
  LD [M]  sound/synth/emux/snd-emux-synth.ko
  LD [M]  sound/synth/snd-util-mem.ko
  LD [M]  sound/usb/6fire/snd-usb-6fire.ko
  LD [M]  sound/usb/bcd2000/snd-bcd2000.ko
  LD [M]  sound/usb/caiaq/snd-usb-caiaq.ko
  LD [M]  sound/usb/hiface/snd-usb-hiface.ko
  LD [M]  sound/usb/line6/snd-usb-line6.ko
  LD [M]  sound/usb/line6/snd-usb-pod.ko
  LD [M]  sound/usb/line6/snd-usb-toneport.ko
  LD [M]  sound/usb/line6/snd-usb-podhd.ko
  LD [M]  sound/usb/line6/snd-usb-variax.ko
  LD [M]  sound/usb/misc/snd-ua101.ko
  LD [M]  sound/usb/snd-usb-audio.ko
  LD [M]  sound/usb/snd-usbmidi-lib.ko
  LD [M]  sound/usb/usx2y/snd-usb-us122l.ko
  LD [M]  sound/usb/usx2y/snd-usb-usx2y.ko
  LD [M]  virt/lib/irqbypass.ko
root@slack:/usr/src/linux-5.12.10#
```

# Przed instalacją modułów

```
CREDITS          System.map         fs/                  modules.builtin.modinfo  virt/
Documentation/   arch/              include/             modules.order            vmlinux*
Kbuild           block/             init/                net/                     vmlinux.o
Kconfig          certs/             ipc/                 samples/                 vmlinux.symvers
LICENSES/        config_new_method  kernel/              scripts/
MAINTAINERS      config_old         lib/                 security/
Makefile         config_old_method  mm/                  sound/
Module.symvers   crypto/            modules-only.symvers tools/
root@slack:/usr/src/linux-5.12.10# ls arch/
Kconfig  arm/    h8300/    ia64/       mips/   openrisc/  riscv/  sparc/  xtensa/
alpha/   arm64/  hexagon/  m68k/       nds32/  parisc/    s390/   um/
arc/     csky/   i386/     microblaze/ nios2/  powerpc/   sh/     x86/
root@slack:/usr/src/linux-5.12.10# ls arch/x86/
Kbuild             Makefile         configs/  ia32/     math-emu/      platform/   tools/
Kconfig            Makefile.um      crypto/   include/  mm/            power/      um/
Kconfig.assembler  Makefile_32.cpu  entry/    kernel/   modules.order  purgatory/  video/
Kconfig.cpu        boot/            events/   kvm/      net/           ras/        xen/
Kconfig.debug      built-in.a       hyperv/   lib/      pci/           realmode/
root@slack:/usr/src/linux-5.12.10# ls arch/x86/boot/
Makefile     cpu.o                  install.sh      regs.o        video-mode.c
a20.c        cpucheck.c             main.c          setup.bin*    video-mode.o
a20.o        cpucheck.o             main.o          setup.elf*    video-vesa.c
apm.c        cpuflags.c             memory.c        setup.ld      video-vesa.o
bioscall.S   cpuflags.h             memory.o        string.c      video-vga.c
bioscall.o   cpuflags.o             mkcpustr*       string.h      video-vga.o
bitops.h     cpustr.h               mkcpustr.c      string.o      video.c
boot.h       ctype.h                mtools.conf.in  tools/        video.h
bzImage      early_serial_console.c pm.c            tty.c         video.o
cmdline.c    early_serial_console.o pm.o            tty.o         vmlinux.bin
cmdline.o    edd.c                  pmjump.S        version.c     voffset.h
compressed/  edd.o                  pmjump.o        version.o     zoffset.h
copy.S       genimage.sh            printf.c        vesa.h
copy.o       header.S               printf.o        video-bios.c
cpu.c        header.o               regs.c          video-bios.o
root@slack:/usr/src/linux-5.12.10# ls arch/x86/boot/bzImage/
/bin/ls: nie ma dost■pu do 'arch/x86/boot/bzImage/': Nie jest katalogiem
root@slack:/usr/src/linux-5.12.10# make modules_install_
```

Po instalacji modułów

```
  INSTALL sound/pci/snd-fm801.ko
  INSTALL sound/pci/snd-intel8x0.ko
  INSTALL sound/pci/snd-intel8x0m.ko
  INSTALL sound/pci/snd-maestro3.ko
  INSTALL sound/pci/snd-rme32.ko
  INSTALL sound/pci/snd-rme96.ko
  INSTALL sound/pci/snd-sis7019.ko
  INSTALL sound/pci/snd-sonicvibes.ko
  INSTALL sound/pci/snd-via82xx-modem.ko
  INSTALL sound/pci/snd-via82xx.ko
  INSTALL sound/pci/trident/snd-trident.ko
  INSTALL sound/pci/vx222/snd-vx222.ko
  INSTALL sound/pci/ymfpci/snd-ymfpci.ko
  INSTALL sound/pcmcia/pdaudiocf/snd-pdaudiocf.ko
  INSTALL sound/pcmcia/vx/snd-vxpocket.ko
  INSTALL sound/soundcore.ko
  INSTALL sound/synth/emux/snd-emux-synth.ko
  INSTALL sound/synth/snd-util-mem.ko
  INSTALL sound/usb/6fire/snd-usb-6fire.ko
  INSTALL sound/usb/bcd2000/snd-bcd2000.ko
  INSTALL sound/usb/caiaq/snd-usb-caiaq.ko
  INSTALL sound/usb/hiface/snd-usb-hiface.ko
  INSTALL sound/usb/line6/snd-usb-line6.ko
  INSTALL sound/usb/line6/snd-usb-pod.ko
  INSTALL sound/usb/line6/snd-usb-podhd.ko
  INSTALL sound/usb/line6/snd-usb-toneport.ko
  INSTALL sound/usb/line6/snd-usb-variax.ko
  INSTALL sound/usb/misc/snd-ua101.ko
  INSTALL sound/usb/snd-usb-audio.ko
  INSTALL sound/usb/snd-usbmidi-lib.ko
  INSTALL sound/usb/usx2y/snd-usb-us122l.ko
  INSTALL sound/usb/usx2y/snd-usb-usx2y.ko
  INSTALL virt/lib/irqbypass.ko
  DEPMOD  5.12.10-smp
root@slack:/usr/src/linux-5.12.10# ls /lib/modules
4.4.261/  4.4.261-smp/  5.12.10-smp/
root@slack:/usr/src/linux-5.12.10#
```

kopiowanie wyaganych plików w odpowiednie miejsca i wygenerowanie komendy do stworzenia ram

```
root@slack:/usr/src/linux-5.12.10# cp arch/x86/boot/bzImage /boot/vmlinuz-custom-5.12.10-smp
root@slack:/usr/src/linux-5.12.10# cp System.map /boot/System.map-custom-5.12.10-smp
root@slack:/usr/src/linux-5.12.10# cp .config /boot/config-custom-5.12.10-smp
root@slack:/usr/src/linux-5.12.10# cd /boot/
root@slack:/boot# ls
README.initrd@                      config-generic-smp-4.4.261-smp  tuxlogo.dat
System.map@                         config-huge-4.4.261             vmlinuz@
System.map-custom-5.12.10-smp       config-huge-smp-4.4.261-smp     vmlinuz-custom-5.12.10-smp
System.map-generic-4.4.261          elilo-ia32.efi*                 vmlinuz-generic@
System.map-generic-smp-4.4.261-smp  elilo-x86_64.efi*               vmlinuz-generic-4.4.261
System.map-huge-4.4.261             grub/                           vmlinuz-generic-smp@
System.map-huge-smp-4.4.261-smp     inside.bmp                      vmlinuz-generic-smp-4.4.261-smp
boot.0800                           inside.dat                      vmlinuz-huge@
boot_message.txt                    map                             vmlinuz-huge-4.4.261
coffee.dat                          onlyblue.bmp                    vmlinuz-huge-smp@
config@                             onlyblue.dat                    vmlinuz-huge-smp-4.4.261-smp
config-custom-5.12.10-smp           slack.bmp
config-generic-4.4.261              tuxlogo.bmp
root@slack:/boot# rm System.map
root@slack:/boot# ln -s System.map-custom-5.12.10-smp System.map
root@slack:/boot# /usr/share/mkinitrd/mkinitrd_command_generator.sh -k 5.12.10-smp
#
# mkinitrd_command_generator.sh revision 1.45
#
# This script will now make a recommendation about the command to use
# in case you require an initrd image to boot a kernel that does not
# have support for your storage or root filesystem built in
# (such as the Slackware 'generic' kernels').
# A suitable 'mkinitrd' command will be:

mkinitrd -c -k 5.12.10-smp -f ext4 -r /dev/sda1 -m ext4 -u -o /boot/initrd.gz
root@slack:/boot# mkinitrd -c -k 5.12.10-smp -f ext4 -r /dev/sda1 -m ext4 -u -o /boot/initrd-custom-
5.12.10-smp.gz
32188 bloków
/boot/initrd-custom-5.12.10-smp.gz created.
Be sure to run lilo again if you use it.
root@slack:/boot#
```

dodanie do lilo możliwości odpalenia własnej (customowej) dystrybucji zrobionej starą metodą

```
# VESA framebuffer console @ 640x480x32k
#vga=784
# VESA framebuffer console @ 640x480x256
#vga=769
# End LILO global section
# Linux bootable partition config begins
image = /boot/vmlinuz
  root = /dev/sda1
  label = "Slackware 14.2"
  read-only

image = /boot/vmlinuz-custom-5.12.10-smp
  root = /dev/sda1
  initrd = /boot/initrd-custom-5.12.10-smp.gz
  label = "custom-old-meth"
  read-only
# Linux bootable partition config ends
```

```
root@slack:/boot# lilo
Warning: LBA32 addressing assumed
Warning: Unable to determine video adapter in use in the present system.
Warning: Video adapter does not support VESA BIOS extensions needed for
  display of 256 colors.  Boot loader will fall back to TEXT only operation.
Added Slackware_14.2  *
Added custom-old-meth  +
3 warnings were issued.
root@slack:/boot# _
```

Slackware (gr2) (Po make bzImage/modules) [Uruchomiona] - Oracle VM VirtualBox

Plik Maszyna Widok Wejście Urządzenia Pomoc


Right Control

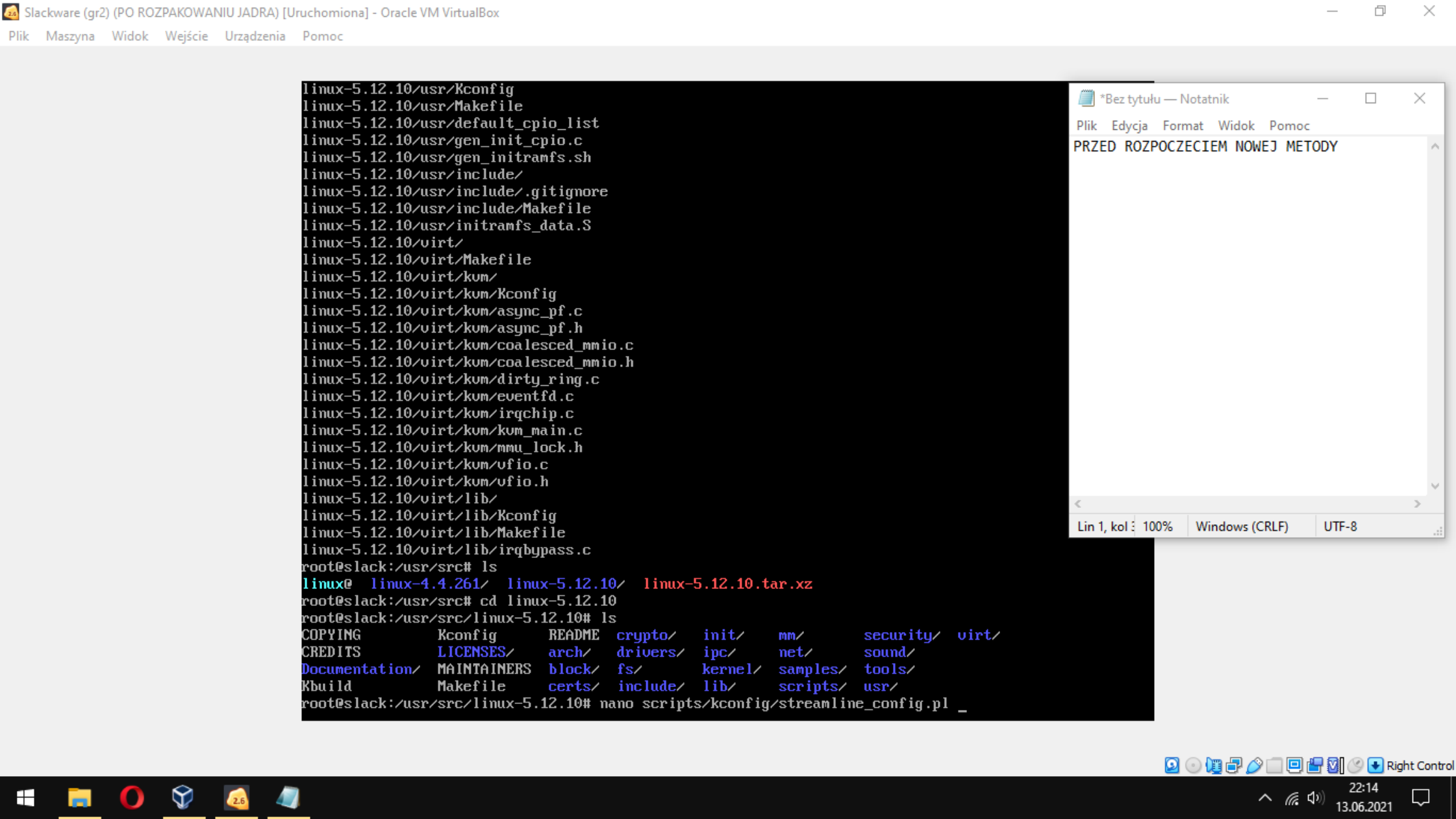
20:05
13.06.2021

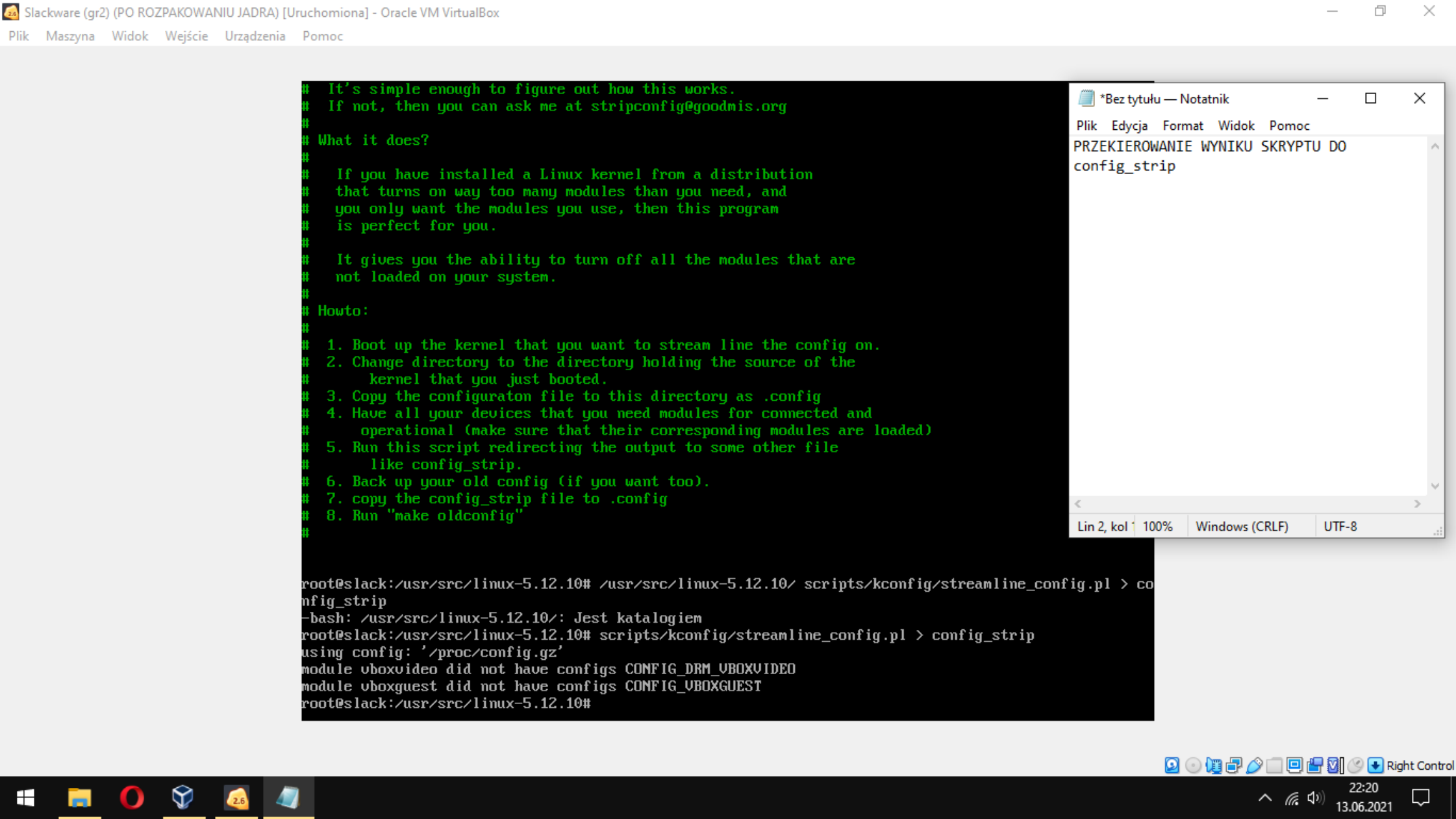
```
Starting system message bus:  /usr/bin/dbus-uuidgen --ensure ; /usr/bin/dbus-daemon --system
Starting NetworkManager daemon:  /usr/sbin/NetworkManager
Starting Internet super-server daemon:  /usr/sbin/inetd
Starting OpenSSH SSH daemon:  /usr/sbin/sshd
devpts on /dev/pts type devpts (rw,gid=5,mode=620)
Starting ACPI daemon:  /usr/sbin/acpid
Updating MIME database:  /usr/bin/update-mime-database /usr/share/mime &
Starting ConsoleKit daemon:  /usr/sbin/console-kit-daemon
Updating gtk.immodules:
  /usr/bin/update-gtk-immodules &
Updating gdk-pixbuf.loaders:
  /usr/bin/update-gdk-pixbuf-loaders &
Compiling GSettings XML schema files:
  /usr/bin/glib-compile-schemas /usr/share/glib-2.0/schemas &
Loading /usr/share/kbd/keymaps/i386/qwerty/pl.map.gz
Starting gpm:  /usr/sbin/gpm -m /dev/mouse -t imps2
VirtualBox Guest Additions: Starting.
VirtualBox Guest Additions: Building the VirtualBox Guest Additions kernel
modules.  This may take a while.
VirtualBox Guest Additions: To build modules for other installed kernels, run
VirtualBox Guest Additions:   /sbin/rcvboxadd quicksetup <version>
VirtualBox Guest Additions: or
VirtualBox Guest Additions:   /sbin/rcvboxadd quicksetup all
VirtualBox Guest Additions: Building the modules for kernel 5.12.10-smp.

VirtualBox Guest Additions: Look at /var/log/vboxadd-setup.log to find out what
went wrong
modprobe vboxguest failed
The log file /var/log/vboxadd-setup.log may contain further information.
vboxadd-service.sh: Starting VirtualBox Guest Addition service.
VirtualBox Additions module not loaded!


Welcome to Linux 5.12.10-smp (tty1)

slack32 login: root
Password:
Linux 5.12.10-smp.
Last login: Thu Jun 10 22:47:10 +0200 2021 on /dev/tty1.
You have mail.
root@slack32:~#
```


Slackware (gr2) (PO ROZPAKOWANIU JADRA) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
linux-5.12.10/usr/Kconfig
linux-5.12.10/usr/Makefile
linux-5.12.10/usr/default_cpio_list
linux-5.12.10/usr/gen_init_cpio.c
linux-5.12.10/usr/gen_initramfs.sh
linux-5.12.10/usr/include/
linux-5.12.10/usr/include/.gitignore
linux-5.12.10/usr/include/Makefile
linux-5.12.10/usr/initramfs_data.S
linux-5.12.10/virt/
linux-5.12.10/virt/Makefile
linux-5.12.10/virt/kvm/
linux-5.12.10/virt/kvm/Kconfig
linux-5.12.10/virt/kvm/async_pf.c
linux-5.12.10/virt/kvm/async_pf.h
linux-5.12.10/virt/kvm/coalesced_mmio.c
linux-5.12.10/virt/kvm/coalesced_mmio.h
linux-5.12.10/virt/kvm/dirty_ring.c
linux-5.12.10/virt/kvm/eventfd.c
linux-5.12.10/virt/kvm/irqchip.c
linux-5.12.10/virt/kvm/kvm_main.c
linux-5.12.10/virt/kvm/mmu_lock.h
linux-5.12.10/virt/kvm/vfio.c
linux-5.12.10/virt/kvm/vfio.h
linux-5.12.10/virt/lib/
linux-5.12.10/virt/lib/Kconfig
linux-5.12.10/virt/lib/Makefile
linux-5.12.10/virt/lib/irqbypass.c
root@slack:/usr/src# ls
linux@ linux-4.4.261/ linux-5.12.10/ linux-5.12.10.tar.xz
root@slack:/usr/src# cd linux-5.12.10
root@slack:/usr/src/linux-5.12.10# ls
COPYING Kconfig README crypto/ init/ mm/ security/ virt/
CREDITS LICENSES/ arch/ drivers/ ipc/ net/ sound/
Documentation/ MAINTAINERS block/ fs/ kernel/ samples/ tools/
Kbuild Makefile certs/ include/ lib/ scripts/ usr/
root@slack:/usr/src/linux-5.12.10# nano scripts/kconfig/streamline_config.pl
*Bez tytułu — Notatnik
Plik Edycja Format Widok Pomoc
PRZED ROZPOCZECIEM NOWEJ METODY
Lin 1, kol 1 100% Windows (CRLF) UTF-8
Right Control
22:14
13.06.2021


Slackware (gr2) (PO ROZPAKOWANIU JADRA) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
#  It's simple enough to figure out how this works.
#  If not, then you can ask me at stripconfig@goodmis.org
#
# What it does?
#
#   If you have installed a Linux kernel from a distribution
#   that turns on way too many modules than you need, and
#   you only want the modules you use, then this program
#   is perfect for you.
#
#   It gives you the ability to turn off all the modules that are
#   not loaded on your system.
#
# Howto:
#
#  1. Boot up the kernel that you want to stream line the config on.
#  2. Change directory to the directory holding the source of the
#       kernel that you just booted.
#  3. Copy the configuraton file to this directory as .config
#  4. Have all your devices that you need modules for connected and
#      operational (make sure that their corresponding modules are loaded)
#  5. Run this script redirecting the output to some other file
#       like config_strip.
#  6. Back up your old config (if you want too).
#  7. copy the config_strip file to .config
#  8. Run "make oldconfig"
#
root@slack:/usr/src/linux-5.12.10# /usr/src/linux-5.12.10/ scripts/kconfig/streamline_config.pl > co
nfig_strip
-bash: /usr/src/linux-5.12.10/: Jest katalogiem
root@slack:/usr/src/linux-5.12.10# scripts/kconfig/streamline_config.pl > config_strip
using config: '/proc/config.gz'
module vboxvideo did not have configs CONFIG_DRM_VBOXVIDEO
module vboxguest did not have configs CONFIG_VBOXGUEST
root@slack:/usr/src/linux-5.12.10#
*Bez tytułu — Notatnik
Plik Edycja Format Widok Pomoc
PRZEKIEROWANIE WYNIKU SKRYPTU DO
config_strip
Lin 2, kol 1
100%
Windows (CRLF)
UTF-8
Right Control
22:20
13.06.2021

Slackware (gr2) (PO ROZPAKOWANIU JADRA) [Uruchomiona] - Oracle VM VirtualBox

Plik Maszyna Widok Wejście Urządzenia Pomoc

```
root@slack:/usr/src/linux-5.12.10# ls
COPYING         Kconfig      README  config_strip  include/  lib/      scripts/  usr/
CREDITS         LICENSES/    arch/   crypto/       init/     mm/       security/ virt/
Documentation/  MAINTAINERS  block/  drivers/      ipc/      net/      sound/
Kbuild          Makefile     certs/  fs/           kernel/   samples/  tools/
root@slack:/usr/src/linux-5.12.10# zcat /proc/config.gz > .config
root@slack:/usr/src/linux-5.12.10# zcat /proc/config.gz > .config
```

*Bez tytułu — Notatnik

Plik Edycja Format Widok Pomoc

PRZEKIEROWANIE AKTUALNEJ KONFIGURACJI KERNELA DO .config

Lin 2, kol 1 | 100% | Windows (CRLF) | UTF-8

Right Control

22:25
13.06.2021

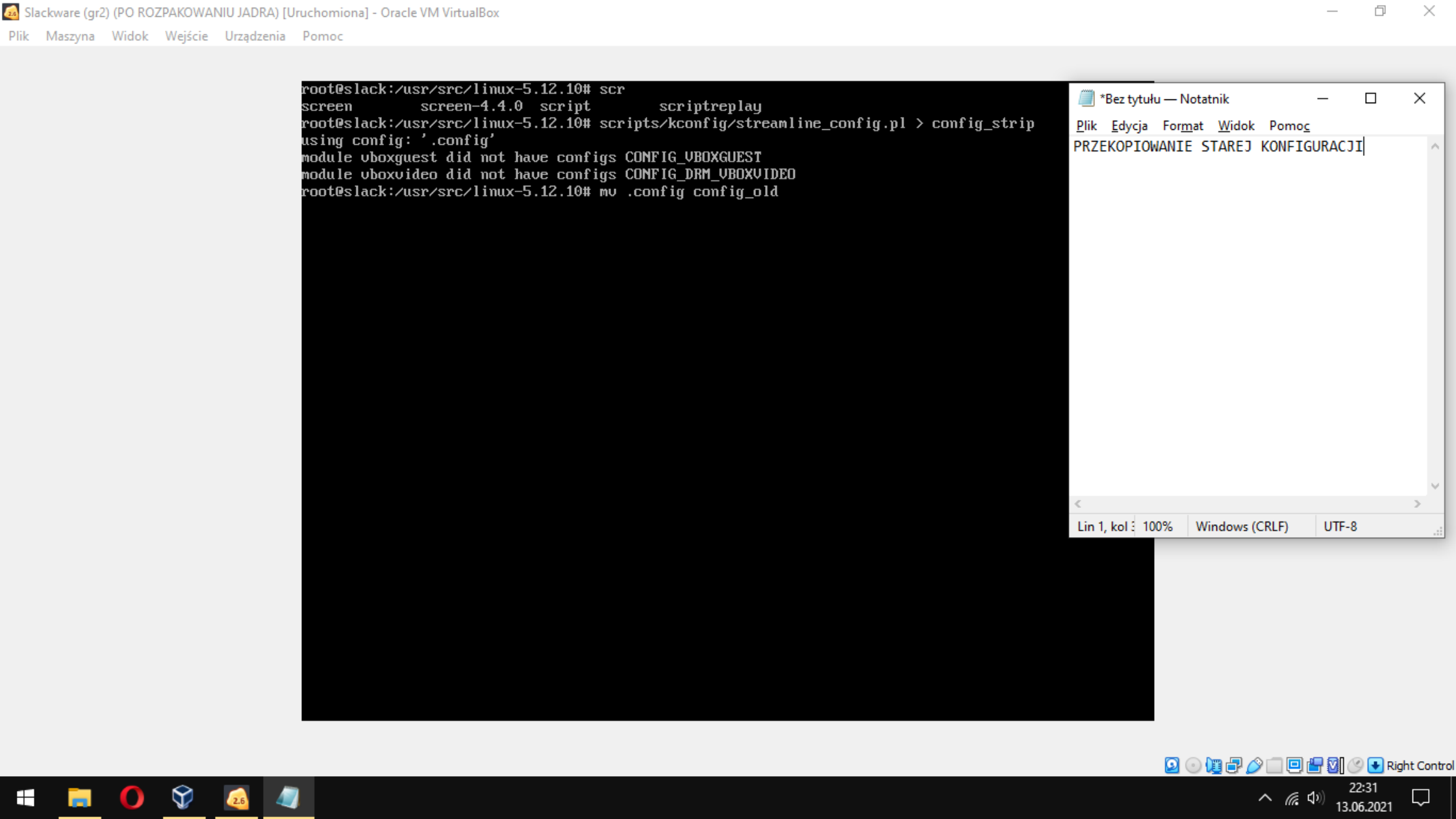
```
root@slack:/usr/src/linux-5.12.10# scr
screen        screen-4.4.0  script        scriptreplay
root@slack:/usr/src/linux-5.12.10# scripts/kconfig/streamline_config.pl > config_strip
using config: '.config'
module vboxguest did not have configs CONFIG_VBOXGUEST
module vboxvideo did not have configs CONFIG_DRM_VBOXVIDEO
root@slack:/usr/src/linux-5.12.10# scripts/kconfig/streamline_config.pl > config_strip
```

*Bez tytułu — Notatnik

Plik Edycja Format Widok Pomoc

PRZEKIEROWANIE WYNIKU SKRYPTU DO
config_strip

Lin 2, kol 1 | 100% | Windows (CRLF) | UTF-8


Slackware (gr2) (PO ROZPAKOWANIU JADRA) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
root@slack:/usr/src/linux-5.12.10# scr
screen screen-4.4.0 script scriptreplay
root@slack:/usr/src/linux-5.12.10# scripts/kconfig/streamline_config.pl > config_strip
using config: '.config'
module vboxguest did not have configs CONFIG_VBOXGUEST
module vboxvideo did not have configs CONFIG_DRM_VBOXVIDEO
root@slack:/usr/src/linux-5.12.10# mv .config config_old
*Bez tytułu — Notatnik
Plik Edycja Format Widok Pomoc
PRZEKOPIOWANIE STAREJ KONFIGURACJI
Lin 1, kol 3
100%
Windows (CRLF)
UTF-8
Right Control
22:31
13.06.2021

```
root@slack:/usr/src/linux-5.12.10# scr
screen        screen-4.4.0  script        scriptreplay
root@slack:/usr/src/linux-5.12.10# scripts/kconfig/streamline_config.pl > config_strip
using config: '.config'
module vboxguest did not have configs CONFIG_VBOXGUEST
module vboxvideo did not have configs CONFIG_DRM_VBOXVIDEO
root@slack:/usr/src/linux-5.12.10# mv .config config_old
root@slack:/usr/src/linux-5.12.10# mv config_strip .config
```

*Bez tytułu — Notatnik

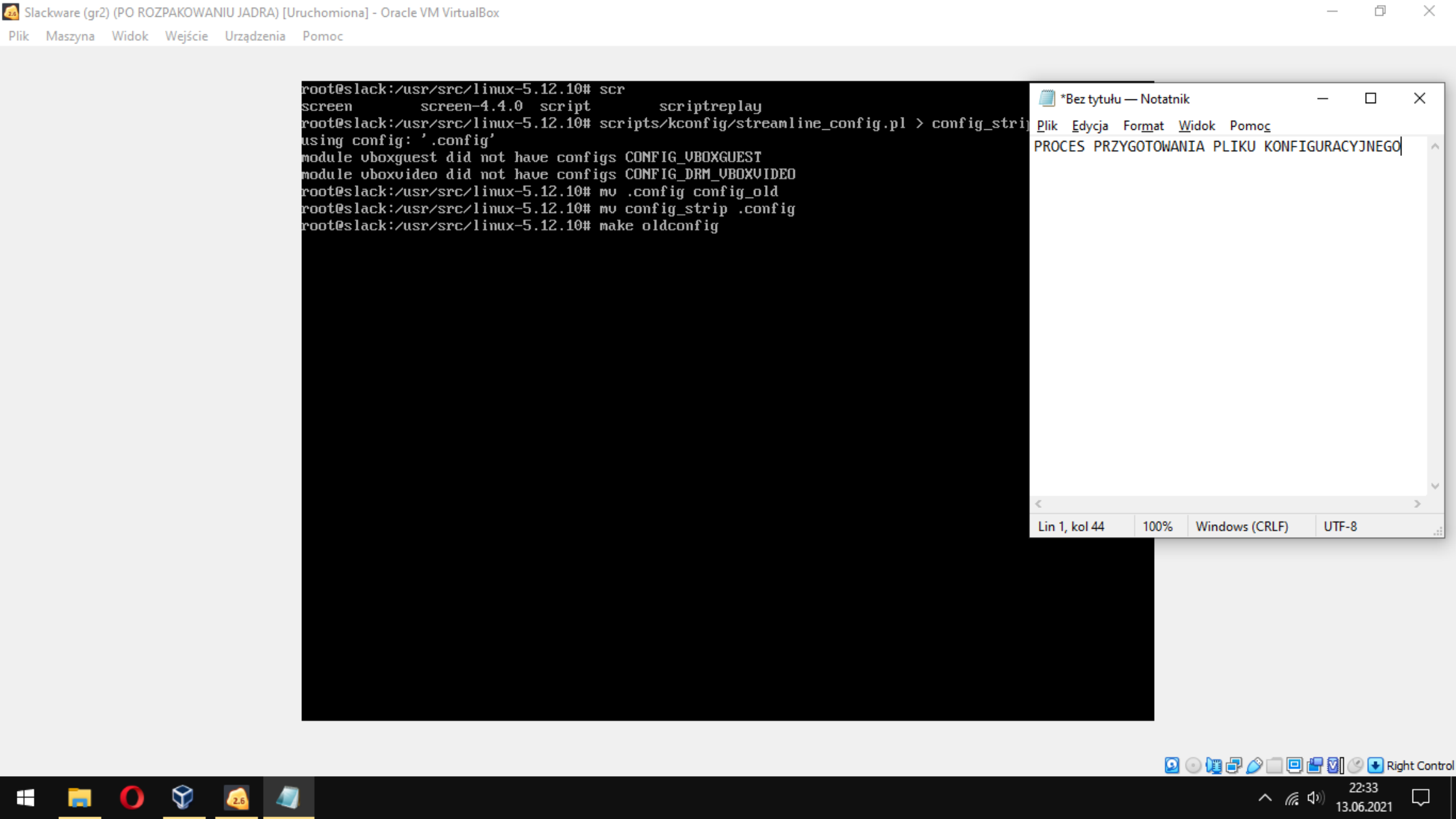
Plik Edycja Format Widok Pomoc

ZMIANA NAZWY KONFIGURACJI ZE SKRYPTU

Lin 1, kol 1 | 100% | Windows (CRLF) | UTF-8



22:32
13.06.2021


Slackware (gr2) (PO ROZPAKOWANIU JADRA) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
root@slack:/usr/src/linux-5.12.10# scr
screen screen-4.4.0 script scriptreplay
root@slack:/usr/src/linux-5.12.10# scripts/kconfig/streamline_config.pl > config_stri
using config: '.config'
module vboxguest did not have configs CONFIG_VBOXGUEST
module vboxvideo did not have configs CONFIG_DRM_VBOXVIDEO
root@slack:/usr/src/linux-5.12.10# mv .config config_old
root@slack:/usr/src/linux-5.12.10# mv config_strip .config
root@slack:/usr/src/linux-5.12.10# make oldconfig
*Bez tytułu — Notatnik
Plik Edycja Format Widok Pomoc
PROCES PRZYGOTOWANIA PLIKU KONFIGURACYJNEGO
Lin 1, kol 44
100%
Windows (CRLF)
UTF-8
Right Control
22:33
13.06.2021

```
  Test BPF filter functionality (TEST_BPF) [N/m/?] n
  Test blackhole netdev functionality (TEST_BLACKHOLE_DEV) [N/m/?] (NEW)
  Test find_bit functions (FIND_BIT_BENCHMARK) [N/m/y/?] (NEW)
  Test firmware loading via userspace interface (TEST_FIRMWARE) [N/m/y/?] n
  sysctl test driver (TEST_SYSCTL) [N/m/y/?] (NEW)
  udelay test driver (TEST_UDELAY) [N/m/y/?] n
  Test static keys (TEST_STATIC_KEYS) [N/m/?] n
  kmod stress tester (TEST_KMOD) [N/m/?] (NEW)
  Test memcat_p() helper function (TEST_MEMCAT_P) [N/m/y/?] (NEW)
  Test level of stack variable initialization (TEST_STACKINIT) [N/m/y/?] (NEW)
  Test heap/page initialization (TEST_MEMINIT) [N/m/y/?] (NEW)
  Test freeing pages (TEST_FREE_PAGES) [N/m/y/?] (NEW)
  Test floating point operations in kernel space (TEST_FPU) [N/m/y/?] (NEW)
#
# configuration written to .config
#



root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10# _
```

*Bez tytułu — Notatnik

Plik Edycja Format Widok Pomoc

PO PROCESIE PRZYGOTOWANIA PLIKU KONFIGURACYJNE

Lin 1, kol 12 | 100% | Windows (CRLF) | UTF-8

Slackware (gr2) (PO ROZPAKOWANIU JADRA) [Uruchomiona] - Oracle VM VirtualBox

Plik Maszyna Widok Wejście Urządzenia Pomoc

```
  Test BPF filter functionality (TEST_BPF) [N/m/?] n
  Test blackhole netdev functionality (TEST_BLACKHOLE_DEV) [N/m/?] (NEW)
  Test find_bit functions (FIND_BIT_BENCHMARK) [N/m/y/?] (NEW)
  Test firmware loading via userspace interface (TEST_FIRMWARE) [N/m/y/?] n
  sysctl test driver (TEST_SYSCTL) [N/m/y/?] (NEW)
  udelay test driver (TEST_UDELAY) [N/m/y/?] n
  Test static keys (TEST_STATIC_KEYS) [N/m/?] n
  kmod stress tester (TEST_KMOD) [N/m/?] (NEW)
  Test memcat_p() helper function (TEST_MEMCAT_P) [N/m/y/?] (NEW)
  Test level of stack variable initialization (TEST_STACKINIT) [N/m/y/?] (NEW)
  Test heap/page initialization (TEST_MEMINIT) [N/m/y/?] (NEW)
  Test freeing pages (TEST_FREE_PAGES) [N/m/y/?] (NEW)
  Test floating point operations in kernel space (TEST_FPU) [N/m/y/?] (NEW)
#
# configuration written to .config
#



root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10#
root@slack:/usr/src/linux-5.12.10# mv .config config_new_method
```

*Bez tytułu — Notatnik

Plik Edycja Format Widok Pomoc

zapisanie pliku konf. zrobionego
nową metodą

Lin 2, kol 12 100% Windows (CRLF) UTF-8

Right Control

22:36
13.06.2021

Wnioski: Obie kompilacje przebiegły pomyślnie i obie się uruchomiły. W obydwu należało dokonać modyfikacji w modułach, które nie były ustawione "not set" i wpisać =y aby były wbudowane w jądro. Ping google.pl się udało, więc połączenie z Internetem jest. lsmod pokazało te same załadowane moduły. Wszystko wskazuje na to, że kompilacje działają raczej tak samo. Nigdzie nie pojawił się kernel panic. Miałem wrażenie, że stara metoda trwała dłużej niż nowa (jakieś pół godziny  dłuższa kompilacja), ale to może być spowodowane również tym, że mam bardzo słaby laptop i windows robi w losowych momentach w tle jakieś cuda, przez co komputer wtedy strasznie zwalnia (w trakcie kompilacji starą metodą virtualbox złapał zwiechę na jakieś kilka minut, na szczęście nie trzeba było awaryjnie restartować).