

Imię nazwisko: Oskar Maksim  
Raport z kompilacji jądra wersja 6.14.9

```
linux@linux-5.15.19/ linux-6.14.9/
root@slack:/usr/src# wget https://cdn.kernel.org/pub/linux/kernel/v6.x/linux-6.14.9.tar.xz
--2025-05-21 16:14:38-- https://cdn.kernel.org/pub/linux/kernel/v6.x/linux-6.14.9.tar.xz
Resolving cdn.kernel.org (cdn.kernel.org)... 199.232.17.176, 2a04:4e42:41::432
Connecting to cdn.kernel.org (cdn.kernel.org)|199.232.17.176|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 149501424 (143M) [application/x-xz]
Saving to: 'linux-6.14.9.tar.xz'

linux-6.14.9.tar.xz      100%[=====>] 142.58M  2.17MB/s   in 67s

2025-05-21 16:15:46 (2.13 MB/s) - 'linux-6.14.9.tar.xz' saved [149501424/149501424]

root@slack:/usr/src# ls
linux@ linux-5.15.19/ linux-6.14.6/ linux-6.14.9.tar.xz
root@slack:/usr/src#
```

rozpakowywanie:

```
tar: linux-6.14.9/scripts/dtc/include-prefixes/arm: time stamp 2025-05-29 11:14:09 is 672790.916195841 s in the future
tar: linux-6.14.9/scripts/dtc/include-prefixes/arc: time stamp 2025-05-29 11:14:09 is 672790.914121983 s in the future
tar: linux-6.14.9/include/dt-bindings/input/linux-event-codes.h: time stamp 2025-05-29 11:14:09 is 672790.913082424 s in the future
tar: linux-6.14.9/arch/powerpc/configs/kvm_guest.config: time stamp 2025-05-29 11:14:09 is 672790.9110805 s in the future
tar: linux-6.14.9/arch/arm64/tools/syscall_64.tbl: time stamp 2025-05-29 11:14:09 is 672790.909279717 s in the future
tar: linux-6.14.9/tools/testing/selftests/powerpc/uphm/asm: time stamp 2025-05-29 11:14:09 is 672790.908301862 s in the future
tar: linux-6.14.9/tools/testing/selftests/powerpc/uphm: time stamp 2025-05-29 11:14:09 is 672790.907369085 s in the future
tar: linux-6.14.9/tools/testing/selftests/powerpc/stringloops: time stamp 2025-05-29 11:14:09 is 672790.906602678 s in the future
tar: linux-6.14.9/tools/testing/selftests/powerpc/primitives/linux: time stamp 2025-05-29 11:14:09 is 672790.904834911 s in the future
tar: linux-6.14.9/tools/testing/selftests/powerpc/primitives/asm: time stamp 2025-05-29 11:14:09 is 672790.903034804 s in the future
tar: linux-6.14.9/tools/testing/selftests/powerpc/primitives: time stamp 2025-05-29 11:14:09 is 672790.90110618 s in the future
tar: linux-6.14.9/tools/testing/selftests/powerpc/nx-gzip/include: time stamp 2025-05-29 11:14:09 is 672790.899939319 s in the future
tar: linux-6.14.9/tools/testing/selftests/powerpc/nx-gzip: time stamp 2025-05-29 11:14:09 is 672790.897791671 s in the future
tar: linux-6.14.9/tools/testing/selftests/powerpc/mce: time stamp 2025-05-29 11:14:09 is 672790.896754922 s in the future
tar: linux-6.14.9/tools/testing/selftests/powerpc/copyloops: time stamp 2025-05-29 11:14:09 is 672790.895869454 s in the future
tar: linux-6.14.9/tools/testing/selftests/powerpc: time stamp 2025-05-29 11:14:09 is 672790.894994458 s in the future
tar: linux-6.14.9/tools/testing/selftests/drivers/net/mlxsu/spectrum-2: time stamp 2025-05-29 11:14:09 is 672790.894118742 s in the future
tar: linux-6.14.9/tools/testing/selftests/drivers/net/mlxsu: time stamp 2025-05-29 11:14:09 is 672790.892378293 s in the future
tar: linux-6.14.9/tools/testing/selftests/drivers/net: time stamp 2025-05-29 11:14:09 is 672790.891663398 s in the future
tar: linux-6.14.9/tools/testing/selftests/drivers: time stamp 2025-05-29 11:14:09 is 672790.890774485 s in the future
tar: linux-6.14.9/tools/testing/selftests/bpf: time stamp 2025-05-29 11:14:09 is 672790.889909155 s in the future
tar: linux-6.14.9/tools/testing/selftests: time stamp 2025-05-29 11:14:09 is 672790.889035438 s in the future
tar: linux-6.14.9/tools/testing: time stamp 2025-05-29 11:14:09 is 672790.888125589 s in the future
tar: linux-6.14.9/tools/perf/arch/arm64/entry/syscalls: time stamp 2025-05-29 11:14:09 is 672790.887257575 s in the future
tar: linux-6.14.9/tools/perf/arch/arm64/entry: time stamp 2025-05-29 11:14:09 is 672790.886391324 s in the future
tar: linux-6.14.9/tools/perf/arch/arm64: time stamp 2025-05-29 11:14:09 is 672790.885529069 s in the future
tar: linux-6.14.9/tools/perf/arch: time stamp 2025-05-29 11:14:09 is 672790.884875006 s in the future
tar: linux-6.14.9/tools/perf: time stamp 2025-05-29 11:14:09 is 672790.884002802 s in the future
tar: linux-6.14.9/tools: time stamp 2025-05-29 11:14:09 is 672790.882944036 s in the future
tar: linux-6.14.9/scripts/dtc/include-prefixes: time stamp 2025-05-29 11:14:09 is 672790.881209708 s in the future
tar: linux-6.14.9/scripts/dtc: time stamp 2025-05-29 11:14:09 is 672790.875798534 s in the future
tar: linux-6.14.9/scripts: time stamp 2025-05-29 11:14:09 is 672790.874892235 s in the future
tar: linux-6.14.9/include/dt-bindings/input: time stamp 2025-05-29 11:14:09 is 672790.874003756 s in the future
tar: linux-6.14.9/include/dt-bindings: time stamp 2025-05-29 11:14:09 is 672790.873348422 s in the future
tar: linux-6.14.9/include: time stamp 2025-05-29 11:14:09 is 672790.872354811 s in the future
tar: linux-6.14.9/arch/powerpc/configs: time stamp 2025-05-29 11:14:09 is 672790.871624812 s in the future
tar: linux-6.14.9/arch/powerpc: time stamp 2025-05-29 11:14:09 is 672790.870704708 s in the future
tar: linux-6.14.9/arch/arm64/tools: time stamp 2025-05-29 11:14:09 is 672790.86965637 s in the future
tar: linux-6.14.9/arch/arm64: time stamp 2025-05-29 11:14:09 is 672790.868807111 s in the future
tar: linux-6.14.9/arch: time stamp 2025-05-29 11:14:09 is 672790.867779303 s in the future
tar: linux-6.14.9: time stamp 2025-05-29 11:14:09 is 672790.86685918 s in the future
root@slack:/usr/src#
```

```
root@slack:/usr/src/linux-6.14.9# zcat /proc/config.gz > .config
root@slack:/usr/src/linux-6.14.9#
```

na początku starą metodą

```
root@slack:/usr/src/linux-6.14.9#
root@slack:/usr/src/linux-6.14.9# make localmodconfig
```

```
# configuration written to .config  
#
```

```
make[2]: warning: Clock skew detected. Your build may be incomplete.  
make[1]: warning: Clock skew detected. Your build may be incomplete.  
make: warning: Clock skew detected. Your build may be incomplete.  
root@slack:/usr/src/linux-6.14.9#  
root@slack:/usr/src/linux-6.14.9#
```

lsmod

```

rkill 28672 1 cfg80211
8021q 40960 0
garp 16384 1 8021q
mrp 20480 1 8021q
stp 16384 1 garp
llc 16384 2 stp,garp
ipov6 593920 24
umwgfx 376832 1
intel_rapl_msr 20480 0
ttm 77824 1 umwgfx
snd_intel8x0 45056 0
joydev 24576 0
drm_kms_helper 307200 1 umwgfx
snd_ac97_codec 172032 1 snd_intel8x0
intel_rapl_common 28672 1 intel_rapl_msr
drm 634880 4 umwgfx,drm_kms_helper,ttm
snd_pcm 139264 2 snd_intel8x0,snd_ac97_codec
crct10dif_pclmul 16384 1
crc32_pclmul 16384 0
ghash_clmulni_intel 16384 0
snd_timer 36864 1 snd_pcm
rapl 20480 0
psmouse 167936 0
ohci_pci 16384 0
snd 106496 4 snd_intel8x0,snd_timer,snd_ac97_codec,snd_pcm
fb_sys_fops 16384 1 drm_kms_helper
ehci_pci 16384 0
syscopyarea 16384 1 drm_kms_helper
ohci_hcd 49152 1 ohci_pci
i2c_piix4 24576 0
sysfillrect 16384 1 drm_kms_helper
soundcore 16384 1 snd
ehci_hcd 65536 1 ehci_pci
intel_agp 20480 0
e1000 131072 0
evdev 28672 7
sysimgblt 16384 1 drm_kms_helper
intel_gtt 24576 1 intel_agp
ac97_bus 16384 1 snd_ac97_codec
vboxguest 45056 0
i2c_core 102400 4 drm_kms_helper,psmouse,i2c_piix4,drm
agpgart 53248 4 intel_agp,intel_gtt,ttm,drm
serio_raw 16384 0
video 49152 0
button 20480 0
ac 16384 0
loop 40960 0
root@slack:/usr/src/linux-6.14.9#

```

następnie

```

root@slack:/usr/src/linux-6.14.9# make bzImage -j6

```

odpaliłem tę komendę ale popełniłem błąd, dając j w złym miejscu i po 9 godzinach kompilacja dalej się nie skończyła - czas odpalić ponownie

```

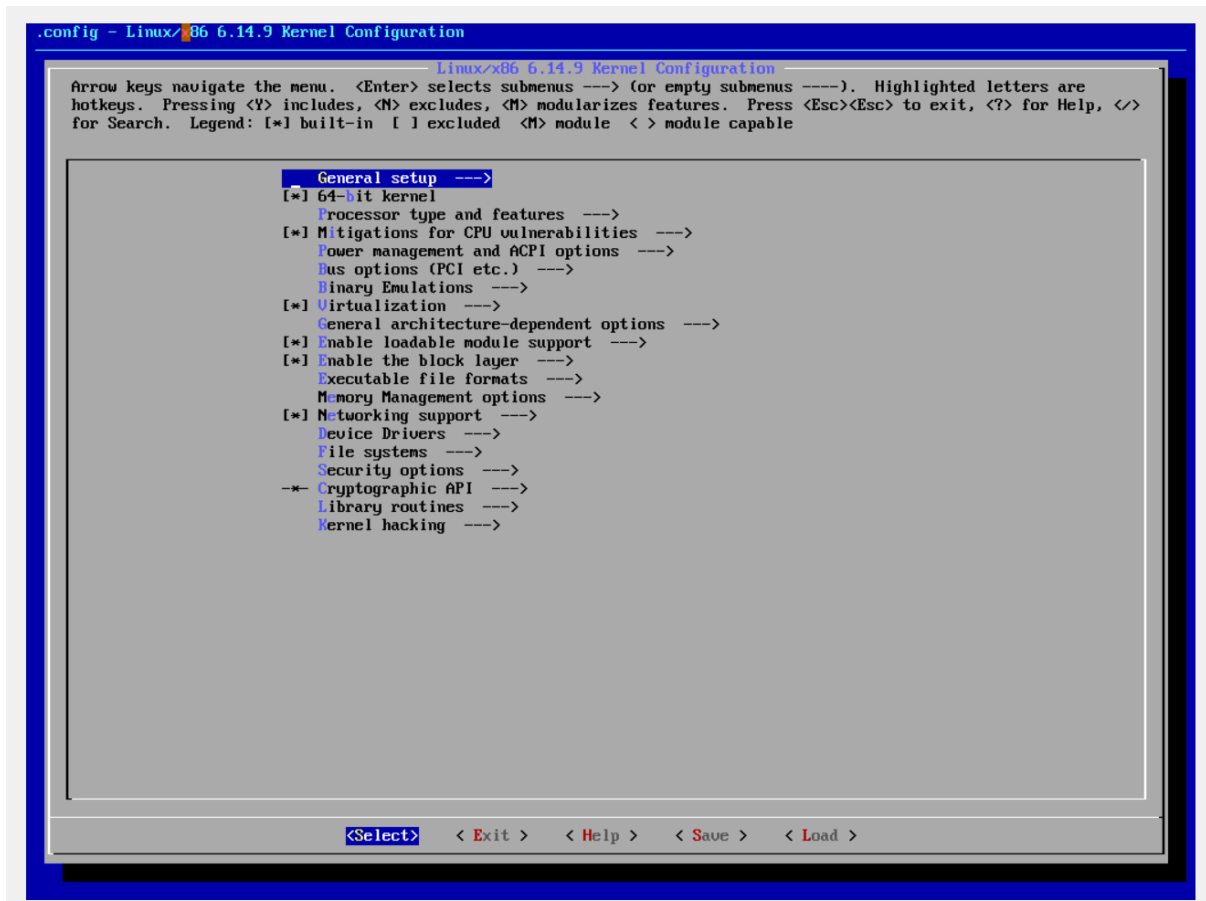
rfkill                28672  1  cfg80211
8021q                  40960  0
garp                   16384  1  8021q
mrp                    20480  1  8021q
stp                    16384  1  garp
llc                    16384  2  stp,garp
ipu6                   593920 24
vmwgfx                 376832  1
intel_rapl_msr         20480  0
ttm                    77824  1  vmwgfx
snd_intel8x0           45056  0
joydev                 24576  0
drm_kms_helper        307200  1  vmwgfx
snd_ac97_codec         172032  1  snd_intel8x0
intel_rapl_common      28672  1  intel_rapl_msr
drm                    634880  4  vmwgfx,drm_kms_helper,ttm
snd_pcm                139264  2  snd_intel8x0,snd_ac97_codec
crc10dif_pclmul       16384  1
crc32_pclmul          16384  0
ghash_clmulni_intel   16384  0
snd_timer              36864  1  snd_pcm
rapl                   20480  0
psmouse               167936  0
ohci_pci               16384  0
snd                    106496  4  snd_intel8x0,snd_timer,snd_ac97_codec,snd_pcm
fb_sys_fops            16384  1  drm_kms_helper
ehci_pci               16384  0
syscopyarea            16384  1  drm_kms_helper
ohci_hcd               49152  1  ohci_pci
i2c_piix4              24576  0
sysfillrect            16384  1  drm_kms_helper
soundcore              16384  1  snd
ehci_hcd               65536  1  ehci_pci
intel_agp              20480  0
e1000                  131072  0
evdev                  28672  7
sysimgblt              16384  1  drm_kms_helper
intel_gtt              24576  1  intel_agp
ac97_bus               16384  1  snd_ac97_codec
vboxguest              45056  0
i2c_core               102400  4  drm_kms_helper,psmouse,i2c_piix4,drm
agpgart                53248  4  intel_agp,intel_gtt,ttm,drm
serio_raw              16384  0
video                  49152  0
button                 20480  0
ac                     16384  0
loop                   40960  0
root@slack:/usr/src/linux-6.14.9#

```

```

root@slack:/usr/src/linux-6.14.9# make menuconfig

```



```

make: warning: Clock skew detected. Your build may be incomplete.
root@slack:/usr/src/linux-6.14.9# make olddefconfig
make: Warning: File 'Makefile' has modification time 672055 s in the future
make[1]: Warning: File 'arch/x86/Makefile' has modification time 672055 s in the future
make[2]: Warning: File 'scripts/Makefile.host' has modification time 672054 s in the future
HOSTCC scripts/basic/fixdep
make[2]: warning: Clock skew detected. Your build may be incomplete.
make[2]: Warning: File 'scripts/Makefile.host' has modification time 672054 s in the future
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/menu.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
#
# No change to .config
#
make[2]: warning: Clock skew detected. Your build may be incomplete.
make[1]: warning: Clock skew detected. Your build may be incomplete.
make: warning: Clock skew detected. Your build may be incomplete.
root@slack:/usr/src/linux-6.14.9#

```

```

root@slack:/usr/src/linux-6.14.9# make bzImage -j6

```

to jednak nie była wina flagi, a tego że zegar systemowy był nieaktualny i kompilacja zapętlala się w nieskończoność, myśląc że pojawiły się nowe pliki które musi zrekompilować

```

root@slack:/usr/src/linux-6.14.9# sudo ntpdate pool.ntp.org

```

```
CC      arch/x86/boot/regs.o
CC      arch/x86/boot/printf.o
CC      arch/x86/boot/string.o
CC      arch/x86/boot/tty.o
CC      arch/x86/boot/video.o
CC      arch/x86/boot/video-mode.o
CC      arch/x86/boot/version.o
CC      arch/x86/boot/video-uga.o
CC      arch/x86/boot/video-vesa.o
LDS      arch/x86/boot/compressed/vmlinux.lds
CC      arch/x86/boot/video-bios.o
HOSTCC   arch/x86/boot/tools/build
AS       arch/x86/boot/compressed/kernel_info.o
CPUSTR   arch/x86/boot/cpustr.h
AS       arch/x86/boot/compressed/head_64.o
CC      arch/x86/boot/cpu.o
VOFFSET  arch/x86/boot/compressed/..voffset.h
CC      arch/x86/boot/compressed/string.o
CC      arch/x86/boot/compressed/cmdline.o
CC      arch/x86/boot/compressed/error.o
OBJCOPY  arch/x86/boot/compressed/vmlinux.bin
HOSTCC   arch/x86/boot/compressed/mkpiggy
CC      arch/x86/boot/compressed/cpuflags.o
CC      arch/x86/boot/compressed/early_serial_console.o
CC      arch/x86/boot/compressed/kaslr.o
CC      arch/x86/boot/compressed/ident_map_64.o
CC      arch/x86/boot/compressed/idt_64.o
AS       arch/x86/boot/compressed/idt_handlers_64.o
AS       arch/x86/boot/compressed/mem_encrypt.o
CC      arch/x86/boot/compressed/pgtable_64.o
CC      arch/x86/boot/compressed/sev.o
CC      arch/x86/boot/compressed/acpi.o
CC      arch/x86/boot/compressed/mem.o
CC      arch/x86/boot/compressed/efi.o
AS       arch/x86/boot/compressed/efi_mixed.o
CC      arch/x86/boot/compressed/misc.o
LZMA     arch/x86/boot/compressed/vmlinux.bin.lzma
MKPIGGY  arch/x86/boot/compressed/piggy.S
AS       arch/x86/boot/compressed/piggy.o
LD       arch/x86/boot/compressed/vmlinux
OBJCOPY  arch/x86/boot/vmlinux.bin
ZOFFSET  arch/x86/boot/zoffset.h
AS       arch/x86/boot/header.o
LD       arch/x86/boot/setup.elf
OBJCOPY  arch/x86/boot/setup.bin
BUILD    arch/x86/boot/bzImage
Kernel: arch/x86/boot/bzImage is ready  (#1)
root@slack:/usr/src/linux-6.14.9# S
```

```
Kernel: arch/x86/boot/bzImage is ready (#1)  
root@slack:/usr/src/linux-6.14.9# make -j6 modules
```

```
LD [M] drivers/acpi/video.ko
LD [M] drivers/char/agp/agpgart.ko
LD [M] drivers/char/agp/intel-agp.ko
LD [M] drivers/char/agp/intel-gtt.ko
LD [M] drivers/gpu/drm/clients/drm_client_lib.ko
LD [M] drivers/gpu/drm/drm.ko
LD [M] drivers/gpu/drm/drm_ttm_helper.ko
LD [M] drivers/gpu/drm/drm_kms_helper.ko
LD [M] drivers/gpu/drm/ttm/ttm.ko
LD [M] drivers/gpu/drm/umwgfx/umwgfx.ko
LD [M] drivers/block/loop.ko
LD [M] drivers/net/ethernet/intel/e1000/e1000.ko
LD [M] drivers/usb/host/ehci-hcd.ko
LD [M] drivers/usb/host/ehci-pci.ko
LD [M] drivers/usb/host/ohci-hcd.ko
LD [M] drivers/usb/host/ohci-pci.ko
LD [M] drivers/input/serio/serio_raw.ko
LD [M] drivers/input/mouse/psmouse.ko
LD [M] drivers/input/evdev.ko
LD [M] drivers/i2c/busses/i2c-piix4.ko
LD [M] drivers/i2c/i2c-core.ko
LD [M] drivers/i2c/i2c-smbus.ko
LD [M] drivers/input/joydev.ko
LD [M] drivers/platform/x86/dell/dell-wmi-ddu.ko
LD [M] drivers/platform/x86/wmi.ko
LD [M] drivers/virt/vboxguest/vboxguest.ko
LD [M] drivers/virt/coco/tsm.ko
LD [M] drivers/virt/coco/sev-guest/sev-guest.ko
LD [M] drivers/powercap/intel_rapl_common.ko
LD [M] sound/soundcore.ko
LD [M] drivers/powercap/intel_rapl_msr.ko
LD [M] sound/core/snd.ko
LD [M] sound/core/snd-timer.ko
LD [M] sound/core/snd-pcm.ko
LD [M] sound/pci/snd-intel8x0.ko
LD [M] sound/ac97_bus.ko
LD [M] net/802/p8022.ko
LD [M] sound/pci/ac97/snd-ac97-codec.ko
LD [M] net/802/psnap.ko
LD [M] net/802/garp.ko
LD [M] net/802/stp.ko
LD [M] net/ipv6/ipv6.ko
LD [M] net/wireless/cfg80211.ko
LD [M] net/8021q/8021q.ko
LD [M] net/802/mrp.ko
LD [M] net/llc/llc.ko
LD [M] net/rfkill/rfkill.ko
root@slack:/usr/src/linux-5.14.9#
```



make modules\_install

```
INSTALL /lib/modules/6.14.9/kernel/drivers/char/agp/agpgart.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/char/agp/intel-agp.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/char/agp/intel-gtt.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/clients/drm_client_lib.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/drm.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/drm_ttm_helper.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/drm_kms_helper.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/ttm/ttm.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/umwgfx/umwgfx.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/block/loop.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/net/ethernet/intel/e1000/e1000.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/usb/host/ehci-hcd.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/usb/host/ehci-pci.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/usb/host/ohci-hcd.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/usb/host/ohci-pci.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/input/serio/serio_raw.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/input/mouse/psmouse.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/input/joydev.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/input/evdev.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/i2c/busses/i2c-piix4.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/i2c/i2c-core.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/i2c/i2c-smbus.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/platform/x86/dell-wmi-ddv.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/platform/x86/wmi.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/virt/vboxguest/vboxguest.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/virt/coco/tsm.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/virt/coco/sev-guest/sev-guest.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/powercap/intel_rapl_common.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/powercap/intel_rapl_msr.ko
INSTALL /lib/modules/6.14.9/kernel/sound/soundcore.ko
INSTALL /lib/modules/6.14.9/kernel/sound/core/snd.ko
INSTALL /lib/modules/6.14.9/kernel/sound/core/snd-timer.ko
INSTALL /lib/modules/6.14.9/kernel/sound/core/snd-pcm.ko
INSTALL /lib/modules/6.14.9/kernel/sound/pci/snd-intel8x0.ko
INSTALL /lib/modules/6.14.9/kernel/sound/pci/ac97/snd-ac97-codec.ko
INSTALL /lib/modules/6.14.9/kernel/sound/ac97_bus.ko
INSTALL /lib/modules/6.14.9/kernel/net/802/p8022.ko
INSTALL /lib/modules/6.14.9/kernel/net/802/psnap.ko
INSTALL /lib/modules/6.14.9/kernel/net/802/stp.ko
INSTALL /lib/modules/6.14.9/kernel/net/802/garp.ko
INSTALL /lib/modules/6.14.9/kernel/net/802/mrp.ko
INSTALL /lib/modules/6.14.9/kernel/net/ipv6/ipv6.ko
INSTALL /lib/modules/6.14.9/kernel/net/8021q/8021q.ko
INSTALL /lib/modules/6.14.9/kernel/net/wireless/cfg80211.ko
INSTALL /lib/modules/6.14.9/kernel/net/llc/llc.ko
INSTALL /lib/modules/6.14.9/kernel/net/rfkill/rfkill.ko
DEPMOD /lib/modules/6.14.9
root@slack:/usr/src/linux-6.14.9#
```

```
6.14.6/ 6.14.9/
root@slack:/usr/src/linux-6.14.9# ls /lib/modules/6.14.9/
build@      modules.alias.bin      modules.builtin.bin    modules.dep.bin        modules.softdep
kernel/     modules.builtin         modules.builtin.modinfo modules.devname         modules.symbols
modules.alias modules.builtin.alias.bin modules.dep             modules.order          modules.symbols.bin
root@slack:/usr/src/linux-6.14.9#
```

```
.tmp_umllinux0.syms      built-in.a
root@slack:/usr/src/linux-6.14.9# cp arch/x86_64/boot/bzImage /boot/umllinux-custom-6.14.9
root@slack:/usr/src/linux-6.14.9# cp System.map /boot/System.map-custom-6.14.9
root@slack:/usr/src/linux-6.14.9# cp .co
.cocciconfig .config .config.old
root@slack:/usr/src/linux-6.14.9# cp .config /boot/config-custom-6.14.9
root@slack:/usr/src/linux-6.14.9#
```

```
root@slack:/usr/src/linux-6.14.9# cp /boot/efi/EFI/Slackware/ /boot/efi/EFI/Slackware/custom-6.14.9/
root@slack:/usr/src/linux-6.14.9# cd /boot/
root@slack:/boot# rm System.map
root@slack:/boot# ln -s System.map-custom-6.14.9 System.map
root@slack:/boot#
```

```
root@slack:/boot# ln -s System.map-custom-6.14.9 System.map
root@slack:/boot# /usr/share/mkinitrd/mkinitrd_command_generator.sh -k 6.14.9
#
# 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 6.14.9 -f ext4 -r /dev/sda4 -m ext4 -u -o /boot/initrd.gz
root@slack:/boot#
```

```
mkinitrd -c -k 6.14.9 -f ext4 -r /dev/sda4 -m ext4 -u -o /boot/initrd.gz
root@slack:/boot# mkinitrd -c -k 6.14.9 -f ext4 -r /dev/sda3 -m ext4 -u -o /boot/initrd-custom-6.14.9.gz
51373 blocks
/boot/initrd-custom-6.14.9.gz created.
Be sure to run lilo again if you use it.
root@slack:/boot#
```

```
Be sure to run lilo again if you use it.
root@slack:/boot# grub-mkconfig -o /boot/grub/grub.cfg
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-huge-5.15.19
Found initrd image: /boot/initrd.gz
Found linux image: /boot/vmlinuz-huge
Found initrd image: /boot/initrd.gz
Found linux image: /boot/vmlinuz-generic-5.15.19
Found initrd image: /boot/initrd.gz
Found linux image: /boot/vmlinuz-generic
Found initrd image: /boot/initrd.gz
Found linux image: /boot/vmlinuz-custom-6.14.9
Found initrd image: /boot/initrd.gz
Found linux image: /boot/vmlinuz-custom-6.14.6
Found initrd image: /boot/initrd.gz
Warning: os-prober will not be executed to detect other bootable partitions.
Systems on them will not be added to the GRUB boot configuration.
Check GRUB_DISABLE_OS_PROBER documentation entry.
Adding boot menu entry for UEFI Firmware Settings ...
done
root@slack:/boot#
```

```
root@slack:/boot# cp /boot/vmlinuz-custom-6.14.9 /boot/efi/EFI/Slackware/.
root@slack:/boot# cp /boot/initrd-custom-6.14.9.gz /boot/efi/EFI/Slackware/.
root@slack:/boot#
```

```
GNU nano 6.0 /boot/efi/EFI/Slackware/elilo.conf
prompt
delay=1
timeout=30
default=custom-kernel-6.14.9
#
image=vmlinuz
    label=slackware-15.0
    initrd=initrd.gz
    read-only
    append="root=/dev/sda3 vga=791 ro"

image=vmlinuz-custom-6.14.9
    label=custom-kernel-6.14.9
    initrd=initrd-custom-6.14.9.gz
    read-only
    append="root=/dev/sda3 vga=791 ro"
```

```
GNU GRUB version 2.06

*Slackware-15.0 GNU/Linux, with Linux 5.15.19
Slackware-15.0 GNU/Linux, with Linux 5.15.19 (recovery mode)
Slackware-15.0 GNU/Linux, with Linux huge
Slackware-15.0 GNU/Linux, with Linux huge (recovery mode)
Slackware-15.0 GNU/Linux, with Linux 5.15.19
Slackware-15.0 GNU/Linux, with Linux 5.15.19 (recovery mode)
Slackware-15.0 GNU/Linux, with Linux generic
Slackware-15.0 GNU/Linux, with Linux generic (recovery mode)
Slackware-15.0 GNU/Linux, with Linux 6.14.9
Slackware-15.0 GNU/Linux, with Linux 6.14.9 (recovery mode)
Slackware-15.0 GNU/Linux, with Linux 6.14.6
Slackware-15.0 GNU/Linux, with Linux 6.14.6 (recovery mode)

Use the ▲ and ▼ keys to select which entry is highlighted.
Press enter to boot the selected OS, 'e' to edit the commands before booting or 'c' for a command-line. ESC to
return previous menu.
```

```
Loading Linux 6.14.9 ...
Loading initial ramdisk ...
```

```
Welcome to Linux 6.14.9 x86_64 (tty1)

slack login: _
```

```

root@slack:~# uname -r
6.14.9
root@slack:~#

```

kompilacja starą metodą zadziałała

teraz czas wypróbować metodę nową

```

root@slack:/usr/src# rm -rf linux-6.14.9/

```

zaczniemy od usunięcia starych plików

```

root@slack:/usr/src# wget https://cdn.kernel.org/pub/linux/kernel/v6.x/linux-6.14.9.tar.xz

```

ca 30) [Uruchomiona] - Oracle VM VirtualBox  
Wejście Urządzenia Pomoc

```

linux-6.14.9/tools/wmi/
linux-6.14.9/tools/wmi/Makefile
linux-6.14.9/tools/wmi/dell-smbios-example.c
linux-6.14.9/tools/workqueue/
linux-6.14.9/tools/workqueue/wq_dump.py
linux-6.14.9/tools/workqueue/wq_monitor.py
linux-6.14.9/tools/writeback/
linux-6.14.9/tools/writeback/wb_monitor.py
linux-6.14.9/usr/
linux-6.14.9/usr/.gitignore
linux-6.14.9/usr/Kconfig
linux-6.14.9/usr/Makefile
linux-6.14.9/usr/default_cpio_list
linux-6.14.9/usr/dummy-include/
linux-6.14.9/usr/dummy-include/stdbool.h
linux-6.14.9/usr/dummy-include/stdlib.h
linux-6.14.9/usr/gen_init_cpio.c
linux-6.14.9/usr/gen_initramfs.sh
linux-6.14.9/usr/include/
linux-6.14.9/usr/include/.gitignore
linux-6.14.9/usr/include/Makefile
linux-6.14.9/usr/include/headers_check.pl
linux-6.14.9/usr/initramfs_data.S
linux-6.14.9/virt/
linux-6.14.9/virt/Makefile
linux-6.14.9/virt/kvm/
linux-6.14.9/virt/kvm/Kconfig
linux-6.14.9/virt/kvm/Makefile.kvm
linux-6.14.9/virt/kvm/async_pf.c
linux-6.14.9/virt/kvm/async_pf.h
linux-6.14.9/virt/kvm/binary_stats.c
linux-6.14.9/virt/kvm/coalesced_mmio.c
linux-6.14.9/virt/kvm/coalesced_mmio.h
linux-6.14.9/virt/kvm/dirty_ring.c
linux-6.14.9/virt/kvm/eventfd.c
linux-6.14.9/virt/kvm/guest_nemfd.c
linux-6.14.9/virt/kvm/irqchip.c
linux-6.14.9/virt/kvm/kvm_main.c
linux-6.14.9/virt/kvm/kvm_mm.h
linux-6.14.9/virt/kvm/pfncache.c
linux-6.14.9/virt/kvm/ufio.c
linux-6.14.9/virt/kvm/ufio.h
linux-6.14.9/virt/lib/
linux-6.14.9/virt/lib/Kconfig
linux-6.14.9/virt/lib/Makefile
linux-6.14.9/virt/lib/irqbypass.c
root@slack:/usr/src# ls
linux@ linux-5.15.19/ linux-6.14.6/ linux-6.14.9/ linux-6.14.9.tar.xz linux-6.14.9.tar.xz.1
root@slack:/usr/src# cd linux-6.14.9
root@slack:/usr/src/linux-6.14.9#

```

następnie trzeba wykonać kroki opisane w skrypcie

```

.gitattributes      kbuild      block/      io_uring/
root@slack:/usr/src/linux-6.14.9# cp /boot/config-custom-6.14.9 .config
root@slack:/usr/src/linux-6.14.9# script
script      scriptlive      scriptreplay
root@slack:/usr/src/linux-6.14.9# script
script      scriptlive      scriptreplay
root@slack:/usr/src/linux-6.14.9# scripts/
Display all 116 possibilities? (y or n)
root@slack:/usr/src/linux-6.14.9# scripts/kconfig/streamline_config.pl > config_strip
using config: '.config'
root@slack:/usr/src/linux-6.14.9# mv .config config_sav
root@slack:/usr/src/linux-6.14.9# mv config_strip .config
root@slack:/usr/src/linux-6.14.9# 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/menu.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
#
# configuration written to .config
#
root@slack:/usr/src/linux-6.14.9# _

```

i dalej po staremu

```

root@slack:/usr/src/linux-6.14.9# make -j 6 bzImage_

```

```

CC      arch/x86/boot/pm.o
AS      arch/x86/boot/pm_jump.o
CC      arch/x86/boot/printf.o
CC      arch/x86/boot/regs.o
CC      arch/x86/boot/string.o
CC      arch/x86/boot/tty.o
CC      arch/x86/boot/video.o
CC      arch/x86/boot/video-mode.o
CC      arch/x86/boot/version.o
CC      arch/x86/boot/video-uga.o
CC      arch/x86/boot/video-vesa.o
CC      arch/x86/boot/video-bios.o
HOSTCC  arch/x86/boot/tools/build
CPUSTR  arch/x86/boot/cpustr.h
LDS      arch/x86/boot/compressed/vmlinux.lds
AS      arch/x86/boot/compressed/kernel_info.o
VOFFSET arch/x86/boot/compressed/..voffset.h
CC      arch/x86/boot/cpu.o
AS      arch/x86/boot/compressed/head_64.o
CC      arch/x86/boot/compressed/string.o
CC      arch/x86/boot/compressed/cmdline.o
CC      arch/x86/boot/compressed/error.o
OBJCOPY arch/x86/boot/compressed/vmlinux.bin
HOSTCC  arch/x86/boot/compressed/mkpiggy
CC      arch/x86/boot/compressed/cpuflags.o
CC      arch/x86/boot/compressed/early_serial_console.o
CC      arch/x86/boot/compressed/kaslr.o
CC      arch/x86/boot/compressed/ident_map_64.o
CC      arch/x86/boot/compressed/idt_64.o
AS      arch/x86/boot/compressed/idt_handlers_64.o
AS      arch/x86/boot/compressed/mem_encrypt.o
CC      arch/x86/boot/compressed/pgtable_64.o
CC      arch/x86/boot/compressed/sev.o
CC      arch/x86/boot/compressed/acpi.o
CC      arch/x86/boot/compressed/mem.o
CC      arch/x86/boot/compressed/efi.o
AS      arch/x86/boot/compressed/efi_mixed.o
CC      arch/x86/boot/compressed/misc.o
LZMA    arch/x86/boot/compressed/vmlinux.bin.lzma
MKPIGGY arch/x86/boot/compressed/piggy.S
AS      arch/x86/boot/compressed/piggy.o
LD      arch/x86/boot/compressed/vmlinux
OBJCOPY arch/x86/boot/vmlinux.bin
ZOFFSET arch/x86/boot/zoffset.h
AS      arch/x86/boot/header.o
LD      arch/x86/boot/setup.elf
OBJCOPY arch/x86/boot/setup.bin
BUILD   arch/x86/boot/bzImage
Kernel: arch/x86/boot/bzImage is ready (#1)
root@slack:/usr/src/linux-6.14.9#

```

make modules

```
LD [M] arch/x86/events/rapl.ko
LD [M] arch/x86/crypto/ghash-clmulni-intel.ko
LD [M] fs/efivarfs/efivarfs.ko
LD [M] drivers/acpi/ac.ko
LD [M] drivers/acpi/button.ko
LD [M] drivers/acpi/video.ko
LD [M] drivers/char/agp/agpgart.ko
LD [M] drivers/char/agp/intel-agp.ko
LD [M] drivers/char/agp/intel-gtt.ko
LD [M] drivers/gpu/drm/clients/drm_client_lib.ko
LD [M] drivers/gpu/drm/drm.ko
LD [M] drivers/gpu/drm/drm_ttm_helper.ko
LD [M] drivers/gpu/drm/drm_kms_helper.ko
LD [M] drivers/gpu/drm/ttm/ttm.ko
LD [M] drivers/gpu/drm/umwgfx/umwgfx.ko
LD [M] drivers/block/loop.ko
LD [M] drivers/net/ethernet/intel/e1000/e1000.ko
LD [M] drivers/usb/host/ehci-hcd.ko
LD [M] drivers/usb/host/ehci-pci.ko
LD [M] drivers/usb/host/ohci-hcd.ko
LD [M] drivers/usb/host/ohci-pci.ko
LD [M] drivers/input/serio/serio_raw.ko
LD [M] drivers/input/joydev.ko
LD [M] drivers/input/evdev.ko
LD [M] drivers/i2c/busses/i2c-piix4.ko
LD [M] drivers/i2c/i2c-core.ko
LD [M] drivers/input/mouse/psmouse.ko
LD [M] drivers/i2c/i2c-smbus.ko
LD [M] drivers/platform/x86/wmi.ko
LD [M] drivers/virt/vboxguest/vboxguest.ko
LD [M] drivers/powercap/intel_rapl_common.ko
LD [M] drivers/powercap/intel_rapl_msr.ko
LD [M] sound/soundcore.ko
LD [M] sound/core/snd-timer.ko
LD [M] sound/core/snd.ko
LD [M] sound/core/snd-pcm.ko
LD [M] sound/pci/snd-intel8x0.ko
LD [M] sound/pci/ac97/snd-ac97-codec.ko
LD [M] sound/ac97_bus.ko
LD [M] net/802/p8022.ko
LD [M] net/802/psnap.ko
LD [M] net/802/stp.ko
LD [M] net/802/garp.ko
LD [M] net/802/mrp.ko
LD [M] net/ipv6/ipv6.ko
LD [M] net/8021q/8021q.ko
LD [M] net/llc/llc.ko
LD [M] net/wireless/cfg80211.ko
LD [M] net/rfkill/rfkill.ko
root@slack:/usr/src/linux-6.14.9#
```

## make modules\_install

Wejście Urządzenia Pomoc

```
INSTALL /lib/modules/6.14.9/kernel/arch/x86/crypto/ghash-clmulni-intel.ko
INSTALL /lib/modules/6.14.9/kernel/fs/efivarfs/efivarfs.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/acpi/ac.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/acpi/button.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/acpi/video.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/char/agp/agpgart.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/char/agp/intel-agp.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/char/agp/intel-gtt.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/clients/drm_client_lib.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/drm.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/drm_ttm_helper.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/drm_kms_helper.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/ttm/ttm.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/gpu/drm/umwgf/umwgf.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/block/loop.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/net/ethernet/intel/e1000/e1000.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/usb/host/ehci-hcd.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/usb/host/ehci-pci.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/usb/host/ohci-hcd.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/usb/host/ohci-pci.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/input/serio/serio_raw.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/input/mouse/psmouse.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/input/joydev.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/input/evdev.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/i2c/busses/i2c-piix4.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/i2c/i2c-core.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/i2c/i2c-smbus.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/platform/x86/wmi.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/virt/uboxguest/uboxguest.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/powercap/intel_rapl_common.ko
INSTALL /lib/modules/6.14.9/kernel/drivers/powercap/intel_rapl_msr.ko
INSTALL /lib/modules/6.14.9/kernel/sound/soundcore.ko
INSTALL /lib/modules/6.14.9/kernel/sound/core/snd.ko
INSTALL /lib/modules/6.14.9/kernel/sound/core/snd-timer.ko
INSTALL /lib/modules/6.14.9/kernel/sound/core/snd-pcm.ko
INSTALL /lib/modules/6.14.9/kernel/sound/pci/snd-intel8x0.ko
INSTALL /lib/modules/6.14.9/kernel/sound/pci/ac97/snd-ac97-codec.ko
INSTALL /lib/modules/6.14.9/kernel/sound/ac97_bus.ko
INSTALL /lib/modules/6.14.9/kernel/net/802/p8022.ko
INSTALL /lib/modules/6.14.9/kernel/net/802/psnap.ko
INSTALL /lib/modules/6.14.9/kernel/net/802/stp.ko
INSTALL /lib/modules/6.14.9/kernel/net/802/garp.ko
INSTALL /lib/modules/6.14.9/kernel/net/802/mrp.ko
INSTALL /lib/modules/6.14.9/kernel/net/ipv6/ipv6.ko
INSTALL /lib/modules/6.14.9/kernel/net/8021q/8021q.ko
INSTALL /lib/modules/6.14.9/kernel/net/wireless/cfg80211.ko
INSTALL /lib/modules/6.14.9/kernel/net/llc/llc.ko
INSTALL /lib/modules/6.14.9/kernel/net/rfkill/rfkill.ko
DEPMOD /lib/modules/6.14.9
root@slack:/usr/src/linux-6.14.9#
```

```
root@slack:/usr/src/linux-6.14.9# ls /lib/modules/6.14.9/
build  modules.alias  modules.builtin  modules.builtin.bin  modules.dep  modules.devname  modules.softdep  modules.symbols.bin
kernel/ modules.alias.bin  modules.builtin.alias.bin  modules.builtin.modinfo  modules.dep.bin  modules.order  modules.symbols
```

```
.module-common.o .umlinux.symbols.cmd 10uring/
root@slack:/usr/src/linux-6.14.9# cp arch/x86_64/boot/bzImage /boot/vmlinuz-custom-6.14.9
root@slack:/usr/src/linux-6.14.9# cp System.map /boot/System.map-custom-6.14.9
root@slack:/usr/src/linux-6.14.9# cp .config /boot/config-custom-6.14.9
root@slack:/usr/src/linux-6.14.9# cd /boot/
root@slack:/boot# rm System.map
root@slack:/boot# ln -s System.map-custom-6.14.9 System.map
root@slack:/boot# /usr/share/mkinitrd/mkinitrd_command_generator.sh -h
```



```

root@slack:/boot# /usr/share/mkinitrd/mkinitrd_command_generator.sh -k 6.14.9
##
# 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 6.14.9 -f ext4 -r /dev/sda4 -m ext4 -u -o /boot/initrd.gz
root@slack:/boot#

```

```

root@slack:/boot# mkinitrd -c -k 6.14.9 -f ext4 -r /dev/sda3 -m ext4 -u -o /boot/initrd-custom-6.14.9.gz
51372 blocks
/boot/initrd-custom-6.14.9.gz created.
Be sure to run lilo again if you use it.
root@slack:/boot#

```

```

Be sure to run lilo again if you use it.
root@slack:/boot# grub-mkconfig -o /boot/grub/grub.cfg
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-huge-5.15.19
Found initrd image: /boot/initrd.gz
Found linux image: /boot/vmlinuz-huge
Found initrd image: /boot/initrd.gz
Found linux image: /boot/vmlinuz-generic-5.15.19
Found initrd image: /boot/initrd.gz
Found linux image: /boot/vmlinuz-generic
Found initrd image: /boot/initrd.gz
Found linux image: /boot/vmlinuz-custom-6.14.9
Found initrd image: /boot/initrd.gz
Found linux image: /boot/vmlinuz-custom-6.14.6
Found initrd image: /boot/initrd.gz
Warning: os-prober will not be executed to detect other bootable partitions.
Systems on them will not be added to the GRUB boot configuration.
Check GRUB_DISABLE_OS_PROBER documentation entry.
Adding boot menu entry for UEFI Firmware Settings ...
done
root@slack:/boot#

```

```

root@slack:/boot# cp /boot/vmlinuz-custom-6.14.9 /boot/efi/EFI/Slackware/.
root@slack:/boot# cp /boot/initrd-custom-6.14.9.gz /boot/efi/EFI/Slackware/.

```

```

GNU nano 6.0 /boot/efi/EFI/Slackware/elilo.conf
prompt
delay=1
timeout=30
default=custom-kernel-6.14.9
#
image=vmlinuz
    label=slackware-15.0
    initrd=initrd.gz
    read-only
    append="root=/dev/sda3 uga=791 ro"

image=vmlinuz-custom-6.14.9
    label=custom-kernel-6.14.9
    initrd=initrd-custom-6.14.9.gz
    read-only
    append="root=/dev/sda3 uga=791 ro"

```

plik elilo bez zmian

```
*Slackware-15.0 GNU/Linux, with Linux 5.15.19
Slackware-15.0 GNU/Linux, with Linux 5.15.19 (recovery mode)
Slackware-15.0 GNU/Linux, with Linux huge
Slackware-15.0 GNU/Linux, with Linux huge (recovery mode)
Slackware-15.0 GNU/Linux, with Linux 5.15.19
Slackware-15.0 GNU/Linux, with Linux 5.15.19 (recovery mode)
Slackware-15.0 GNU/Linux, with Linux generic
Slackware-15.0 GNU/Linux, with Linux generic (recovery mode)
Slackware-15.0 GNU/Linux, with Linux 6.14.9
Slackware-15.0 GNU/Linux, with Linux 6.14.9 (recovery mode)
Slackware-15.0 GNU/Linux, with Linux 6.14.6
Slackware-15.0 GNU/Linux, with Linux 6.14.6 (recovery mode)
```

```
fscck from util-linux 2.37.4
/dev/sda3: clean, 18/655360 files, 63285/2621440 blocks
Mounting non-root local filesystems:
[ 25.426538] EXT4-fs (sda3): mounted filesystem 5d353e05-9dfa-49b0-98fe-7a4cfa9661ad r/w with ordered data mode. Quota mode: none.
[ 25.520092] EXT4-fs (sdb1): mounted filesystem 75be9091-cdb3-4709-940f-6427399d8066 r/w with ordered data mode. Quota mode: none.
/dev/sda3 on /home type ext4 (rw,relatime)
/dev/sda1 on /boot/efi type vfat (rw,relatime,fmask=0022,dmask=0022,codepage=437,iocharset=iso8859-1,shortname=mixed,utf8,errors=remount-ro)
/dev/sdb1 on /slax type ext4 (rw,relatime)
Using /etc/random-seed to initialize /dev/urandom.
INIT: Entering runlevel: 3
Going multiuser...
Updating shared library links: /sbin/ldconfig &
Starting syslogd daemon: /usr/sbin/syslogd -s
Updating X font indexes: /usr/bin/fc-cache -f &
Updating hardware database index: /sbin/udevadm hwdm --update
Triggering udev events: /sbin/udevadm trigger --action=change
Starting haveged entropy daemon: /sbin/haveged
Starting the network interfaces...
eth0: polling for DHCP server
dhcpcd-9.5.2 starting
DUID 00:04:66:3a:a1:c3:e3:0d:8f:4a:af:8d:58:bc:a7:34:71:48
eth0: waiting for carrier
eth0: carrier acquired
eth0: IFAID 27:50:e8:d3
eth0: soliciting a DHCP lease
eth0: offered 10.0.2.15 from 10.0.2.2
eth0: probing address 10.0.2.15/24
eth0: leased 10.0.2.15 for 86400 seconds
eth0: adding route to 10.0.2.0/24
eth0: adding default route via 10.0.2.2
forked to background, child pid 664
Starting system message bus: /usr/bin/dbus-uuidgen --ensure ; /usr/bin/dbus-daemon --system
Starting elogind: /lib64/elogind/elogind --daemon
Starting OpenSSH SSH daemon: /usr/sbin/sshd
Starting ACPI daemon: /usr/sbin/acpid
Updating MIME database: /usr/bin/update-mime-database /usr/share/mime &
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 &
Starting crond: /usr/sbin/crond -l notice
Starting atd: /usr/sbin/atd -b 15 -l 1
Starting gpm: /usr/sbin/gpm -n /dev/mouse -t imps2

Welcome to Linux 6.14.9 x86_64 (tty1)

slack login:
```

```
There was 1 failed login attempt since the last
Last login: Sun Jun  1 20:10:12 on tty1
Linux 6.14.9.
root@slack:~# uname -r
6.14.9
root@slack:~#
```

Wnioski:

Kompilacja przebiegła bez większych problemów dzięki instrukcji. Jedynym problemem był nieaktualny czas, ale po dniu bezsensownych prób kompilacji zauważyłem, że wykonuje się

w nieskończoność ten sam krok i znalazłem rozwiązanie w internecie. Stara metoda jest prostsza, ale nowa metoda pozwala na skopiowanie konfiguracji oraz informacji o włączonych modułach z innego kernela.