

Operációs rendszerek

1. Konzultáció

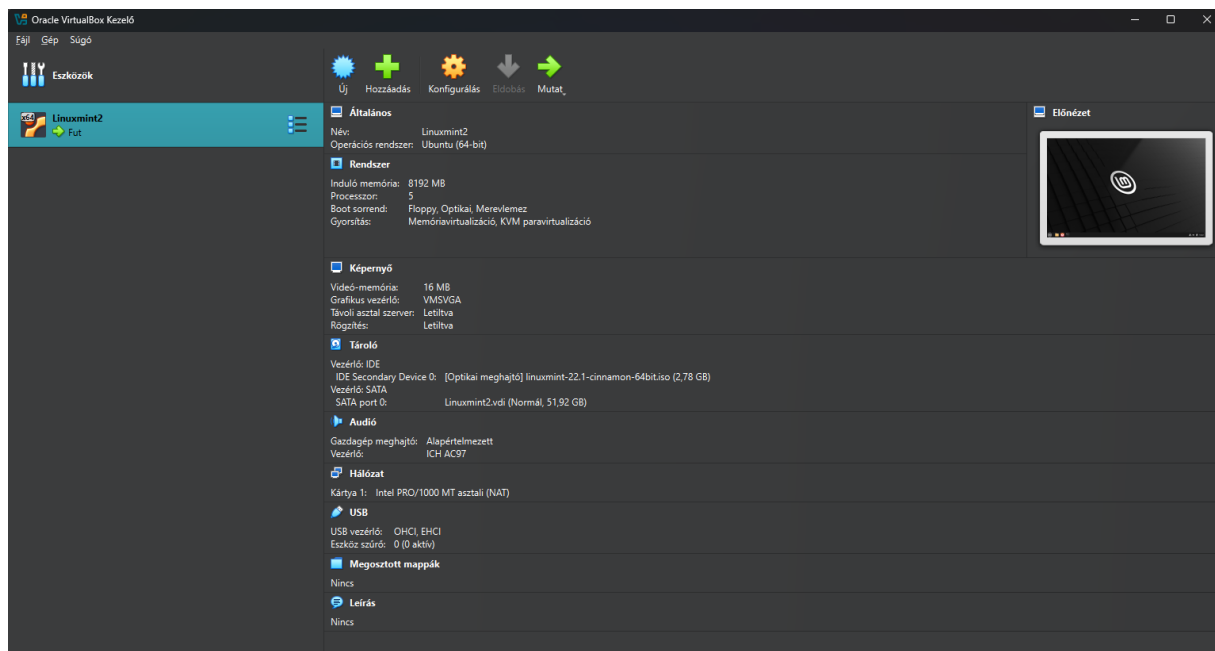
2025. 03.17

Készítette:

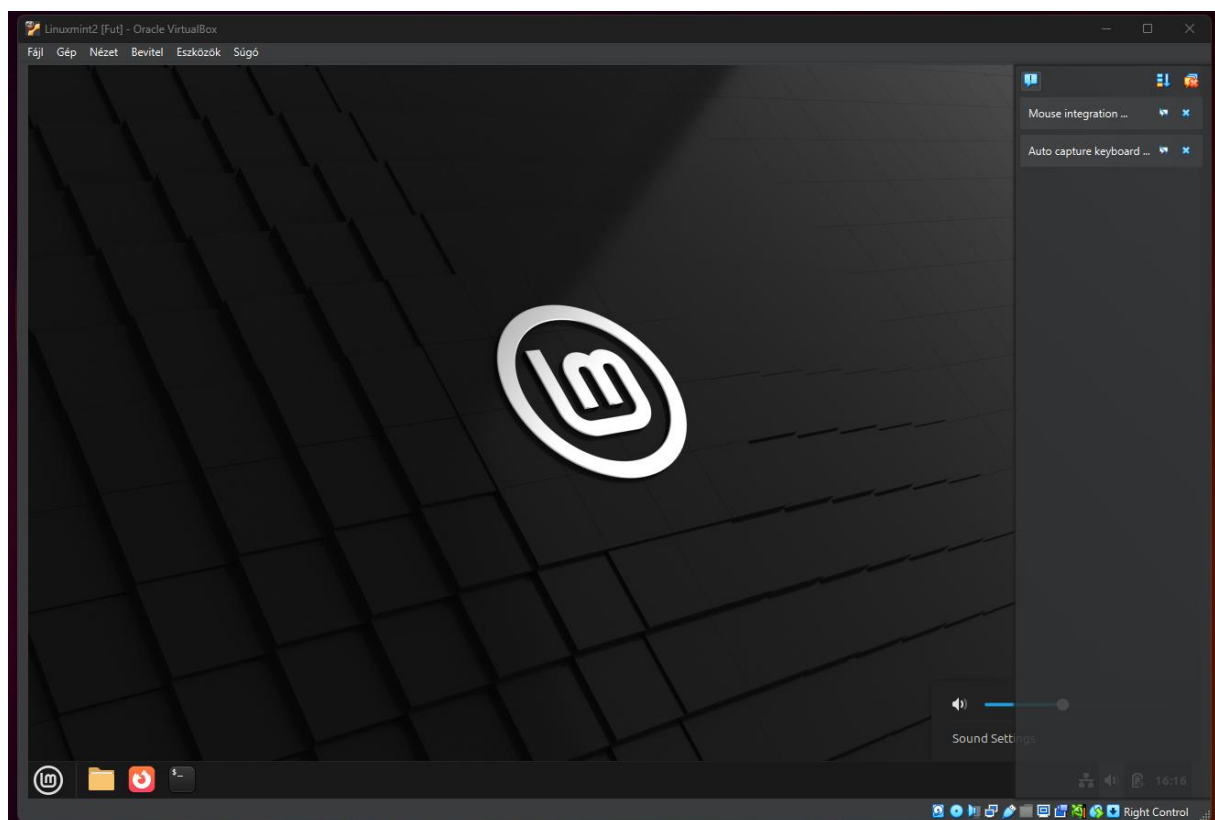
Király Gergő Bsc
Szak: PTI levelező 2.félév
L6Q2CF

Sárospatak, 2025

1. feladat – ide jön a feladat kiírása



2. feladat



3.feladat

```
mint@mint: ~  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
mint@mint:~$  
mint@mint:~$ mkdir -l6q2cf/bokor/{banan,mogzoro,barabck}  
mkdir: invalid option -- 'l'  
Try 'mkdir --help' for more information.  
mint@mint:~$ mkdir -p l6q2cf/bokor/{banan,mogzoro,barabck}  
mint@mint:~$ mkdir -p l6q2cf/fa/korte  
mint@mint:~$ mkdir -p l6q2cf/land/szeder  
mint@mint:~$ mkdir -p l6q2cf/land/kokusz  
mint@mint:~$ cp -r l6q2cf/land/szeder l6q2cf/fa/  
mint@mint:~$ cp -r l6q2cf/bokor/banan l6q2cf/fa/  
mint@mint:~$ mv l6q2cf/bokor/barack l6q2cf/fa/  
mv: cannot stat 'l6q2cf/bokor/barack': No such file or directory  
mint@mint:~$ mv l6q2cf/bokor/barack l6q2cf/fa/  
mint@mint:~$ rm -r l6q2cf/land  
mint@mint:~$ touch l6q2cf/bokor/banan/leiras.txt  
mint@mint:~$ mkdir -p l6q2cf/tree  
mint@mint:~$ l6q2cf/tree/felsorolas.txt  
bash: l6q2cf/tree/felsorolas.txt: No such file or directory  
mint@mint:~$ touch l6q2cf/tree/felsorolas.txt  
mint@mint:~$ echo -e "Peter\nJanos\nKata\nAnna\nBence" > l6q2cf/tree/felsorolas.txt  
mint@mint:~$ ls -R l6q2cf  
  
l6q2cf:  
bokor fa tree  
  
l6q2cf/bokor:  
banan mogyoro  
  
l6q2cf/bokor/banan:  
leiras.txt  
  
l6q2cf/bokor/mogyoro:  
  
l6q2cf/fa:  
banan barack korte szeder  
  
l6q2cf/fa/banan:  
  
l6q2cf/fa/barack:  
  
l6q2cf/fa/korte:  
  
l6q2cf/fa/szeder:  
  
l6q2cf/tree:  
felsorolas.txt
```

```
mint@mint:~$ cd /
mint@mint:/$ find . -type f -name "?e*"
./etc/NetworkManager/NetworkManager.conf
./etc/NetworkManager/conf.d/default-wifi-powersave-on.conf
./etc/PackageKit/Vendor.conf
./etc/X11/app-defaults/Xedit
./etc/X11/app-defaults/Xedit-color
./etc/X11/default-display-manager
./etc/apparmor.d/abi/kernel-5.4-outoftree-network
./etc/apparmor.d/abi/kernel-5.4-vanilla
./etc/apparmor.d/abstractions/kerberosclient
./etc/apparmor.d/abstractions/mesa
./etc/apparmor.d/abstractions/perl
./etc/apparmor.d/abstractions/recent-documents-write
./etc/apparmor.d/abstractions/ubuntu-browsers.d/text-editors
./etc/apparmor.d/abstractions/web-data
./etc/apparmor.d/devhelp
./etc/apparmor.d/geary
./etc/apparmor.d/keybase
./etc/apparmor.d/tunables/kernelvars
./etc/apparmor.d/tunables/securityfs
./etc/bluetooth/network.conf
./etc/brltty/Attributes/left_right.atb
./etc/brltty/Contraction/de-1998.ctb
./etc/brltty/Contraction/de-2015.ctb
./etc/brltty/Contraction/de-g0.ctb
./etc/brltty/Contraction/de-g1.ctb
./etc/brltty/Contraction/de-g2.ctb
./etc/brltty/Contraction/de-wort.cti
./etc/brltty/Contraction/de.ctb
./etc/brltty/Contraction/letters-latin.cti
./etc/brltty/Input/bm/default.ktb
./etc/brltty/Input/bm/keyboard.kti
./etc/brltty/Input/bm/vertical.kti
./etc/brltty/Input/dp/keyboard.kti
./etc/brltty/Input/fs/keyboard.kti
./etc/brltty/Input/hm/beetle.ktb
mint@mint:~$ chmod a+r l6q2cf/tree/felsorolas.txt
mint@mint:~$ du -sh l6q2cf
8.0K    l6q2cf
mint@mint:~$ sort l6q2cf/tree/felsorolas.txt -o l6q2cf/tree/felsorolas.txt
```

Sajnálatos módon nem működik a GTK Stresstest és ezért a feladattal nem tudtam haladni (a 7. feladat hiányos)

4.feladat

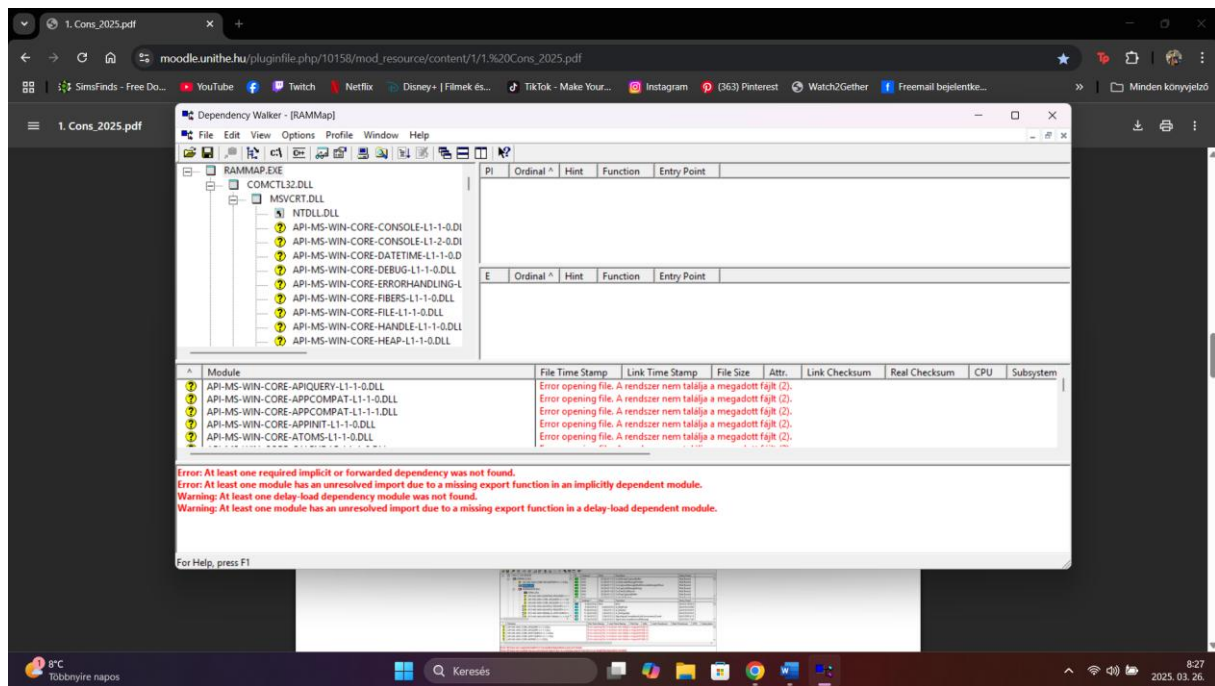
The image displays two screenshots of the Dependency Walker (Dependency Walker - [Process]) tool, showing the analysis of two different executables: PROCMON.EXE and TCPVIEW64.EXE.

Top Screenshot (PROCMON.EXE):

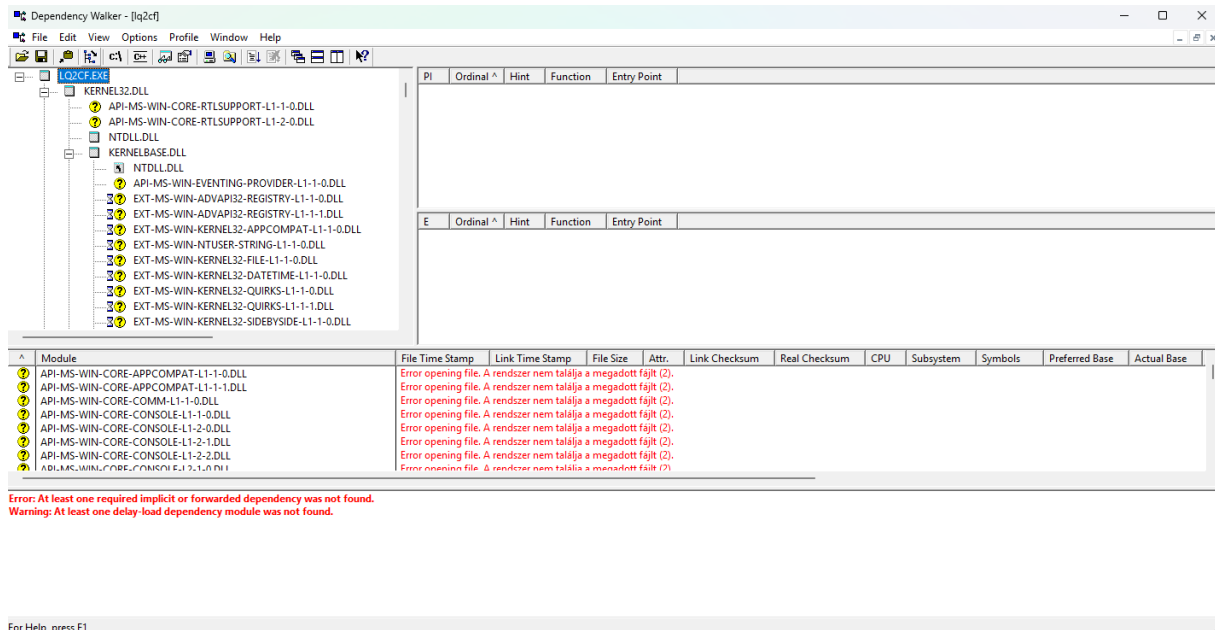
- Module List:** Shows a list of modules loaded by PROCMON.EXE, including WS2_32.DLL, API-MS-WIN-CORE-CRT-L1-1-0.DLL, API-MS-WIN-CORE-CRT-L2-1-0.DLL, NTDLL.DLL, API-MS-WIN-CORE-ERRORHANDLING-L1-1-0, API-MS-WIN-CORE-PROCESSTHREADS-L1-1-0, API-MS-WIN-CORE-STRING-L1-1-0.DLL, API-MS-WIN-CORE-SYNCH-L1-2-0.DLL, API-MS-WIN-CORE-HANDLE-L1-1-0.DLL, API-MS-WIN-CORE-SYNCH-L1-1-0.DLL, API-MS-WIN-CORE-LIBRARYLOADER-L1-2-0.DLL, and API-MS-WIN-CORE-THREADPOOL-L1-2-0.DLL.
- Function List:** Shows a list of functions imported by PROCMON.EXE, including File Time Stamp, Link Time Stamp, File Size, Attr, Link Checksum, Real Checksum, CPU, and Subsystem.
- Errors:** Displays several error messages, including "Error: At least one required implicit or forwarded dependency was not found," "Error: At least one module has an unresolved import due to a missing export function in an implicitly dependent module," "Warning: At least one delay-load dependency module was not found," and "Warning: At least one module has an unresolved import due to a missing export function in a delay-load dependent module."

Bottom Screenshot (TCPVIEW64.EXE):

- Module List:** Shows a list of modules loaded by TCPVIEW64.EXE, including TCPVIEW64.DLL, KERNEL32.DLL, API-MS-WIN-CORE-RTLSUPPORT-L1-1-0.DLL, API-MS-WIN-CORE-RTLSUPPORT-L1-2-0.DLL, NTDLL.DLL, KERNELBASE.DLL, API-MS-WIN-NTUSER-PROVIDER-L1-1, API-MS-WIN-ADVAPI32-REGISTRY-L1-1, API-MS-WIN-ADVAPI32-REGISTRY-L1-1, API-MS-WIN-ADVAPI32-APPCOMPAT-L1-1-0, API-MS-WIN-NTUSER-STRING-L1-1-0, and API-MS-WIN-KERNEL-FILE-L1-1-0.DLL.
- Function List:** Shows a list of functions imported by TCPVIEW64.EXE, including File Time Stamp, Link Time Stamp, File Size, Attr, Link Checksum, Real Checksum, CPU, and Subsystem.
- Errors:** Displays several error messages, including "Error: At least one required implicit or forwarded dependency was not found," "Error: At least one module has an unresolved import due to a missing export function in an implicitly dependent module," "Error: Modules with different CPU types were found," "Warning: At least one delay-load dependency module was not found," and "Warning: At least one module has an unresolved import due to a missing export function in a delay-load dependent module."



5.feladat



Dependency Walker - [lq2cf]

File Edit View Options Profile Window Help

Kernel32.dll

API-MS-WIN-CORE-RTLSUPPORT-L1-1-0.DLL
API-MS-WIN-CORE-RTLSUPPORT-L1-2-0.DLL
NTDLL.dll
KERNELBASE.dll
NTDLL.dll
API-MS-WIN-EVENTING-PROVIDER-L1-1-0.DLL
EXT-MS-WIN-ADVAPI32-REGISTRY-L1-1-0.DLL
EXT-MS-WIN-ADVAPI32-REGISTRY-L1-1-1.DLL
EXT-MS-WIN-KERNEL32-APPCOMPAT-L1-1-0.DLL
EXT-MS-WIN-NTUSER-STRING-L1-1-0.DLL
EXT-MS-WIN-KERNEL32-FILE-L1-1-0.DLL
EXT-MS-WIN-KERNEL32-DATETIME-L1-1-0.DLL
EXT-MS-WIN-KERNEL32-QUIRKS-L1-1-1.DLL
EXT-MS-WIN-KERNEL32-QUIRKS-L1-1-1.DLL
EXT-MS-WIN-KERNEL32-SIDEBYSIDE-L1-1-0.DLL

PI	Ordinal ^	Hint	Function	Entry Point
	N/A	207 (0x00CF)	DeleteCriticalSection	Not Bound
	N/A	236 (0x00EC)	EnterCriticalSection	Not Bound
	N/A	279 (0x0117)	ExitProcess	Not Bound
	N/A	300 (0x012C)	FindClose	Not Bound
	N/A	304 (0x0130)	FindFirstFileA	Not Bound
	N/A	321 (0x0141)	FindNextFileA	Not Bound
	N/A	352 (0x0160)	FreeLibrary	Not Bound
	N/A	388 (0x0184)	GetCommandLineA	Not Bound

E	Ordinal ^	Hint	Function	Entry Point
	1 (0x0001)	73 (0x0049)	BaseThreadInitThunk	0x00015D30
	2 (0x0002)	920 (0x0398)	InterlockedPushListSList	NTDLL.RtlInterlockedPushListSList
	3 (0x0003)	1596 (0x063C)	Wow64Transition	0x000822DC
	4 (0x0004)	0 (0x0000)	AcquireSRWLockExclusive	NTDLL.RtlAcquireSRWLockExclusive
	5 (0x0005)	1 (0x0001)	AcquireSRWLockShared	NTDLL.RtlAcquireSRWLockShared
	6 (0x0006)	2 (0x0002)	ActivateActCtx	0x0002F240
	7 (0x0007)	3 (0x0003)	ActivateActCtxWorker	0x0001CDD0

Module	File Time Stamp	Link Time Stamp	File Size	Attr.	Link Checksum	Real Checksum	CPU	Subsystem	Symbols	Preferred Base	Actual Base
API-MS-WIN-CORE-APPCOMPAT-L1-1-0.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-APPCOMPAT-L1-1-1.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-COMM-L1-1-0.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-CONSOLE-L1-1-0.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-CONSOLE-L1-2-0.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-CONSOLE-L1-2-1.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-CONSOLE-L1-2-2.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-CONSOLE-L1-2-3.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										

Error: At least one required implicit or forwarded dependency was not found.
Warning: At least one delay-load dependency module was not found.

For Help, press F1

Dependency Walker - [lq2cf]

File Edit View Options Profile Window Help

Kernel32.dll

API-MS-WIN-CORE-RTLSUPPORT-L1-1-0.DLL
API-MS-WIN-CORE-RTLSUPPORT-L1-2-0.DLL
NTDLL.dll
KERNELBASE.dll
NTDLL.dll
API-MS-WIN-EVENTING-PROVIDER-L1-1-0.DLL
EXT-MS-WIN-ADVAPI32-REGISTRY-L1-1-0.DLL
EXT-MS-WIN-ADVAPI32-REGISTRY-L1-1-1.DLL
EXT-MS-WIN-KERNEL32-APPCOMPAT-L1-1-0.DLL
EXT-MS-WIN-NTUSER-STRING-L1-1-0.DLL
EXT-MS-WIN-KERNEL32-FILE-L1-1-0.DLL
EXT-MS-WIN-KERNEL32-DATETIME-L1-1-0.DLL
EXT-MS-WIN-KERNEL32-QUIRKS-L1-1-1.DLL
EXT-MS-WIN-KERNEL32-QUIRKS-L1-1-1.DLL
EXT-MS-WIN-KERNEL32-SIDEBYSIDE-L1-1-0.DLL

PI	Ordinal ^	Hint	Function	Entry Point
	N/A	18 (0x0012)	ApiSetQueryApiSetPresence	Not Bound
	N/A	20 (0x0014)	CsrAllocateCaptureBuffer	Not Bound
	N/A	21 (0x0015)	CsrAllocateMessagePointer	Not Bound
	N/A	26 (0x001A)	CsrClientCallServer	Not Bound
	N/A	28 (0x001C)	CsrFreeCaptureBuffer	Not Bound
	N/A	34 (0x0022)	DbgPrint	Not Bound
	N/A	35 (0x0023)	DbgPrintEx	Not Bound
	N/A	45 (0x002D)	DbgUiGetThreadDebugObject	Not Bound
	N/A	46 (0x002E)	DbgUiIssueRemoteBreakin	Not Bound

E	Ordinal ^	Hint	Function	Entry Point
	8 (0x0008)	943 (0x03AF)	RtlDispatchAPC	0x0002DFE0
	9 (0x0009)	732 (0x02DC)	RtlActivateActivationContextUnsafeFast	0x0003AA60
	10 (0x000A)	900 (0x0364)	RtlDeactivateActivationContextUnsafeFast	0x0003AB00
	11 (0x000B)	1200 (0x04B0)	RtlInterlockedPushListSList	0x000D1480
	12 (0x000C)	1401 (0x0579)	RtlRcuReadLock	0x0008ED10
	13 (0x000D)	1402 (0x057A)	RtlRcuReadUnlock	0x0008ED70
	14 (0x000E)	1563 (0x061B)	RtlUlongByteSwap	0x000D1560
	15 (0x000F)	1564 (0x061C)	RtlUlonglongByteSwap	0x000D1570

Module	File Time Stamp	Link Time Stamp	File Size	Attr.	Link Checksum	Real Checksum	CPU	Subsystem	Symbols	Preferred Base	Actual Base
API-MS-WIN-CORE-APPCOMPAT-L1-1-0.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-APPCOMPAT-L1-1-1.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-COMM-L1-1-0.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-CONSOLE-L1-1-0.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-CONSOLE-L1-2-0.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-CONSOLE-L1-2-1.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-CONSOLE-L1-2-2.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										
API-MS-WIN-CORE-CONSOLE-L1-2-3.DLL	Error opening file. A rendszert nem találja a megadott fájl (2).										

Error: At least one required implicit or forwarded dependency was not found.
Warning: At least one delay-load dependency module was not found.

For Help, press F1

6.feladat

```
Linuxmint2 [Fut] - Oracle VirtualBox
Fájl  Gép  Nézet  Bevitel  Eszközök  Súgó

mint@mint: ~
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

mint@mint:~$ mkdir -p l6q2cf/bush/banan
mint@mint:~$ mkdir -p l6q2cf/bush/mogyoro
mint@mint:~$ mkdir -p l6q2cf/bush/barack
mint@mint:~$ mkdir -p l6q2cf/tree/korte
mint@mint:~$ mkdir -p l6q2cf/land/szeder
mint@mint:~$ mkdir -p l6q2cf/land/kokusz
mint@mint:~$ tree l6q2cf
Command 'tree' not found, but can be installed with:
sudo apt install tree
mint@mint:~$ sudo apt install tree
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
tree
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 47.1 kB of archives.
After this operation, 111 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu noble/universe amd64 tree amd64 2.1.1-2ubuntu3 [47.1 kB]
Fetched 47.1 kB in 0s (219 kB/s)
Selecting previously unselected package tree.
(Reading database ... 490602 files and directories currently installed.)
Preparing to unpack .../tree 2.1.1-2ubuntu3_amd64.deb ...
Unpacking tree (2.1.1-2ubuntu3) ...
Setting up tree (2.1.1-2ubuntu3) ...
Processing triggers for man-db (2.12.0-4build2) ...
mint@mint:~$ tree l6q2cf
l6q2cf
├── bush
│   ├── banan
│   ├── barack
│   └── mogyoro
├── land
│   ├── kokusz
│   └── szeder
├── tree
└── korte

10 directories, 0 files

Sound Settings

Linuxmint2 [Fut] - Oracle VirtualBox
Fájl  Gép  Nézet  Bevitel  Eszközök  Súgó

mint@mint: ~
10 directories, 0 files
mint@mint:~$ ls -R l6q2cf
l6q2cf:
bush  land  tree

l6q2cf/bush:
banan  barack  mogyoro

l6q2cf/bush/banan:

l6q2cf/bush/barack:

l6q2cf/bush/mogyoro:

l6q2cf/land:
kokusz  szeder

l6q2cf/land/kokusz:

l6q2cf/land/szeder:

l6q2cf/tree:
korte

l6q2cf/tree/korte:
mint@mint:~$ cp -r l6q2cf/land/szeder l6q2cf/tree/
mint@mint:~$ cp -r l6q2cf/bush/banan l6q2cf/tree/
mint@mint:~$ mv l6q2cf/bush/barack l6q2cf/tree/
mint@mint:~$ mv l6q2cf/land/kokusz l6q2cf/tree/
mint@mint:~$ rm -r l6q2cf/land
mint@mint:~$ touch l6q2cf/bush/banan/description.txt
mint@mint:~$ touch l6q2cf/tree/listing.txt
mint@mint:~$ echo "A malna piros színű bogyós gyümölcs." > l6q2cf/bush/banan/description.txt
mint@mint:~$ echo "A malna sok vitamint tartalmaz." >> l6q2cf/bush/banan/description.txt
mint@mint:~$ echo "A malna finom levárnak is." >> l6q2cf/bush/banan/description.txt
```

```
mint@mint:~$ echo -e "alma\nkorte\ncseresznye\nbarack\nndio" > l6q2cf/tree/listing.txt
mint@mint:~$ ls -R l6q2cf
l6q2cf:
bush  tree

l6q2cf/bush:
banan  mogyoro

l6q2cf/bush/banan:
description.txt

l6q2cf/bush/mogyoro:

l6q2cf/tree:
banan  barack  kokusz  korte  listing.txt  szeder

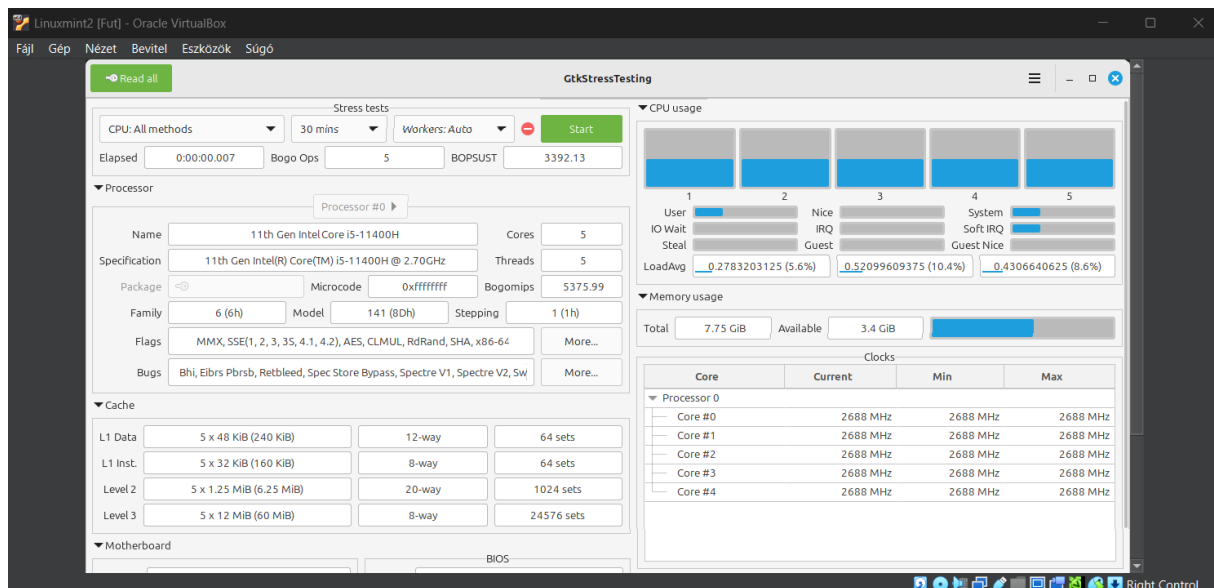
l6q2cf/tree/banan:

l6q2cf/tree/barack:

l6q2cf/tree/kokusz:

l6q2cf/tree/korte:

l6q2cf/tree/szeder:
mint@mint:~$ pwd
/home/mint
mint@mint:~$ cd ~
mint@mint:~$ find . -type f -name
find: missing argument to '-name'
mint@mint:~$ find . -type f -name
find: missing argument to '-name'
mint@mint:~$ find . -type f -name '?'e*'
find: unknown predicate '-name?'e*'
mint@mint:~$ chmod a+r l6q2cf/tree/listing.txt
mint@mint:~$ du -sh l6q2cf
8.0K    l6q2cf
mint@mint:~$ wc l6q2cf/bush/banan/description.txt
wc: l6q2cf/bush/banan/description.txt: No such file or directory
mint@mint:~$ sudo apt update
Ign:1 cdrom://Linux Mint 22.1 _Xia_ - Release amd64 20250110 noble InRelease
Err:2 cdrom://Linux Mint 22.1 _Xia_ - Release amd64 20250110 noble Release
  Please use apt-cdrom to make this CD-ROM recognized by APT. apt-get update cannot be used to add new CD-ROMs
Hit:3 http://archive.ubuntu.com/ubuntu noble InRelease
Get:4 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:5 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Ign:6 http://packages.linuxmint.com xia InRelease
Get:7 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:8 http://packages.linuxmint.com xia Release [27.6 kB]
Get:9 http://archive.ubuntu.com/ubuntu noble-updates/main i386 Packages [442 kB]
Get:10 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [953 kB]
Get:11 http://archive.ubuntu.com/ubuntu noble-updates/main Translation-en [212 kB]
Get:12 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [151 kB]
Get:13 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [13.5 kB]
Get:14 http://archive.ubuntu.com/ubuntu noble-updates/restricted i386 Packages [15.8 kB]
Get:15 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [828 kB]
Get:16 http://packages.linuxmint.com xia Release.gpg [833 B]
Get:17 http://archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [168 kB]
Get:18 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
```



```
Reading package lists... Done
E: The repository 'cdrom://Linux Mint 22.1_Xia_ - Release amd64 20250110 noble InRelease' is not a valid repository or
N: Updating from such a repository can't be done securely, and is therefore disabled by default.
N: See apt-secure(8) manpage for repository creation and user configuration details.
mint@mint:~$ sudo apt install gtkstress
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
```

```
mint@mint:~$ gtkstress
gtkstress: command not found
mint@mint:~$ run gtestress
Command 'run' not found, did you mean:
  command 'rn' from deb trn4 (4.0-test77-16)
  command 'zrun' from deb moreutils (0.67-1)
  command 'grun' from deb grun (0.9.3+git20200303-3)
  command 'crun' from deb crun (1.12-1)
  command 'rup' from deb rstat-client (4.0.1-11)
  command 'runq' from deb exim4-daemon-heavy (4.97-4ubuntu4.2)
  command 'runq' from deb exim4-daemon-light (4.97-4ubuntu4.2)
  command 'runq' from deb sendmail-bin (8.17.2-1)
  command 'srun' from deb slurm-client (23.02.6-1ubuntu2)
  command 'zun' from deb python3-zunclient (4.7.0-0ubuntu1)
  command 'runc' from deb runc (1.1.12-0ubuntu3.1)
Try: sudo apt install <deb name>
mint@mint:~$ gtkstress
gtkstress: command not found
mint@mint:~$ which gtkstress
mint@mint:~$ whereis gtkstress
gtkstress:
mint@mint:~$ sudo apt update
Ign:1 cdrom://Linux Mint 22.1_Xia_ - Release amd64 20250110 noble InRelease
Err:2 cdrom://Linux Mint 22.1_Xia_ - Release amd64 20250110 noble Release
   Please use apt-cdrom to make this CD-ROM recognized by APT. apt-get update cannot be used to add new CD-ROMs
Hit:3 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:5 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:6 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Ign:7 http://packages.linuxmint.com xia InRelease
Hit:8 http://packages.linuxmint.com xia Release
```

```

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   ID                               Branch      Op          Remote      Download
1. [.] org.freedesktop.Platform.GL.default 24.08       i           flathub     156.3 MB / 156.8 MB
2. [.] org.freedesktop.Platform.GL.default 24.08extra  i           flathub     25.2 MB / 156.8 MB
3. [.] org.freedesktop.Platform.openh264   2.5.1       i           flathub     913.7 kB / 971.4 kB
4. [.] org.gnome.Platform.Locale          47          i           flathub     185.1 MB / 386.9 MB
5. [.] org.gtk.Gtk3theme.Mint-Y-Aqua       3.22       i           flathub     72.8 kB / 114.8 kB
6. [.] org.gnome.Platform                  47          i           flathub     337.0 MB / 395.5 MB
7. [.] com.leinardi.gst                    stable      i           flathub     7.2 MB / 8.8 MB

Installing 7/7... 100% 7.2 MB/s

mint@mint:~$ flatpak run com.leinardi.gst
Gtk-Message: 13:32:34.675: Failed to load module "xapp-gtk3-module"

** (gst:2): WARNING **: 13:32:35.045: expected enumeration type void, but got PyGlibOptionArg instead
** (gst:2): WARNING **: 13:32:35.045: expected enumeration type void, but got PyGlibOptionArg instead
** (gst:2): WARNING **: 13:32:35.046: expected enumeration type void, but got PyGlibOptionArg instead
** (gst:2): WARNING **: 13:32:35.046: expected enumeration type void, but got PyGlibOptionArg instead
ERROR: ret code = 2;
output = ;
error = stress-ng: info: [15] setting to a 1800 second (30 mins, 0.00 secs) run per stressor
stress-ng: info: [15] dispatching hogs: 5 cpu
stress-ng: info: [17] stressor terminated with unexpected signal signal 4 'SIGILL'
stress-ng: info: [20] stressor terminated with unexpected signal signal 4 'SIGILL'
stress-ng: warn: [16] stress-ng-cpu: WARNING: finished prematurely after just 0.51s (30 mins, 0.00 secs)
stress-ng: info: [15] stressor      bogo ops real time  usr time  sys time   bogo ops/s   bogo ops/s CPU used per      RSS Max
stress-ng: info: [15]              (secs)      (secs)      (secs) (real time) (usr+sys time) instance (%)      (KB)
stress-ng: info: [15] cpu              5          0.01       0.00       680.77      3392.13         4.01      2076
stress-ng: fail: [15] cpu instance 1 corrupted bogo-ops counter, 2 vs 0
stress-ng: fail: [15] cpu instance 1 hash error in bogo-ops counter and run flag, 796547380 vs 0
stress-ng: fail: [15] cpu instance 4 corrupted bogo-ops counter, 2 vs 0
stress-ng: fail: [15] cpu instance 4 hash error in bogo-ops counter and run flag, 796547380 vs 0
stress-ng: fail: [15] metrics-check: stressor metrics corrupted, data is compromised
info: 5 failures reached, aborting stress process
stress-ng: info: [15] for a 0.01s run time:
stress-ng: info: [15]      0.07s available CPU time
stress-ng: info: [15]      0.00s user time ( 0.00%)
stress-ng: info: [15]      0.00s system time ( 0.00%)
stress-ng: info: [15]      0.00s total time ( 0.00%)
stress-ng: info: [15] load average: 0.33 0.54 0.44
stress-ng: info: [15] unsuccessful run completed in 0.01s
ERROR: ret code = 2;
output = ;

```