

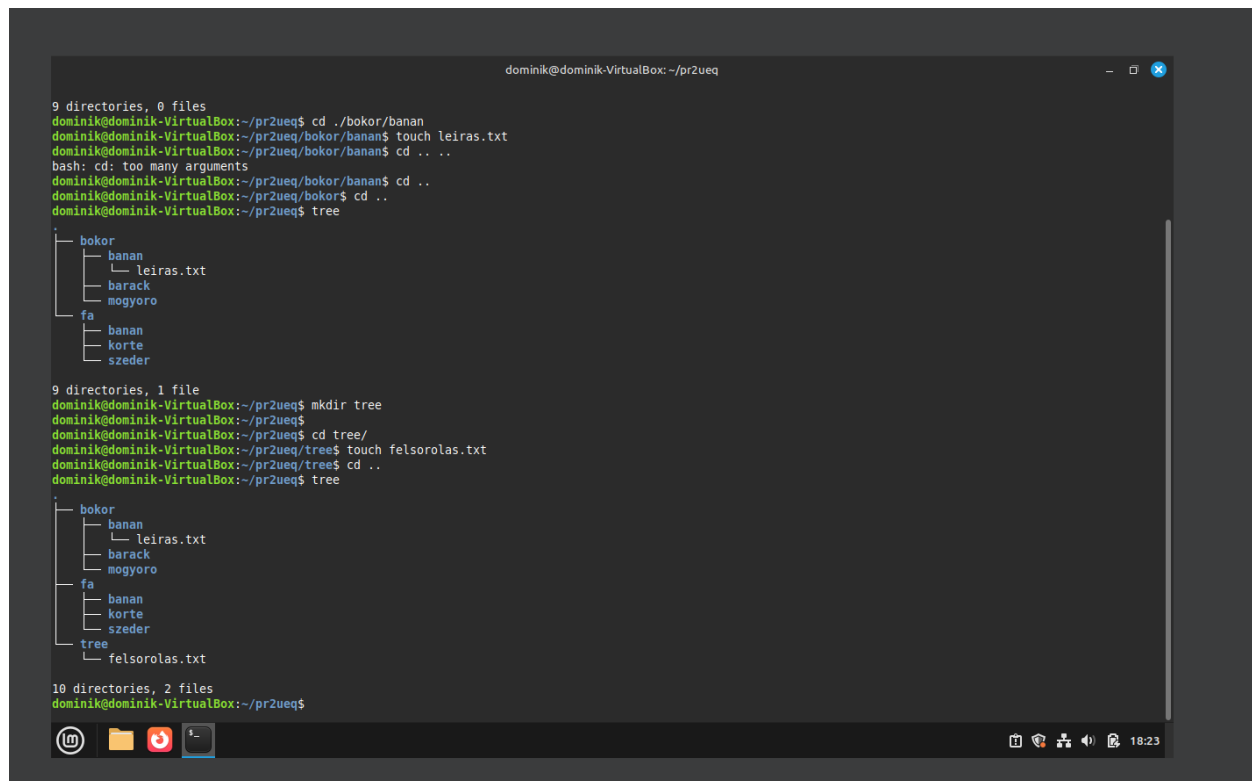
1.

```

dominik@dominik-VirtualBox:~/pr2ueq$ mcopy ./land/szeder pr2ueq/fa
Failure to make directory pr2ueq/fa: No such file or directory
dominik@dominik-VirtualBox:~/pr2ueq$ mcopy ./land/szeder ./fa
dominik@dominik-VirtualBox:~/pr2ueq$ cd fa
dominik@dominik-VirtualBox:~/pr2ueq/fa$ ls
korte szeder
dominik@dominik-VirtualBox:~/pr2ueq/fa$ mcopy ./bokor/banan ./fa
./bokor/banan: No such file or directory
dominik@dominik-VirtualBox:~/pr2ueq/fa$ tree
Command 'tree' not found, but can be installed with:
sudo apt install tree
dominik@dominik-VirtualBox:~/pr2ueq/fa$ cd ..
dominik@dominik-VirtualBox:~/pr2ueq$ mcopy ./bokor/banan ./fa
dominik@dominik-VirtualBox:~/pr2ueq$ cd ..
dominik@dominik-VirtualBox:~$ tree
Command 'tree' not found, but can be installed with:
sudo apt install tree
dominik@dominik-VirtualBox:~$ sudo apt install tree
[sudo] password for dominik:

```

2



```

dominik@dominik-VirtualBox: ~/pr2ueq

9 directories, 0 files
dominik@dominik-VirtualBox:~/pr2ueq$ cd ./bokor/banan
dominik@dominik-VirtualBox:~/pr2ueq/bokor/banan$ touch leiras.txt
dominik@dominik-VirtualBox:~/pr2ueq/bokor/banan$ cd ..
bash: cd: too many arguments
dominik@dominik-VirtualBox:~/pr2ueq/bokor/banan$ cd ..
dominik@dominik-VirtualBox:~/pr2ueq/bokor$ cd ..
dominik@dominik-VirtualBox:~/pr2ueq$ tree
.
├── bokor
│   ├── banan
│   │   └── leiras.txt
│   ├── barack
│   └── mogyoro
└── fa
    ├── banan
    ├── korte
    └── szeder

9 directories, 1 file
dominik@dominik-VirtualBox:~/pr2ueq$ mkdir tree
dominik@dominik-VirtualBox:~/pr2ueq$ cd tree/
dominik@dominik-VirtualBox:~/pr2ueq/tree$ touch felsorolas.txt
dominik@dominik-VirtualBox:~/pr2ueq/tree$ cd ..
dominik@dominik-VirtualBox:~/pr2ueq$ tree
.
├── bokor
│   ├── banan
│   │   └── leiras.txt
│   ├── barack
│   └── mogyoro
├── fa
│   ├── banan
│   ├── korte
│   └── szeder
└── tree
    └── felsorolas.txt

10 directories, 2 files
dominik@dominik-VirtualBox:~/pr2ueq$

```

3

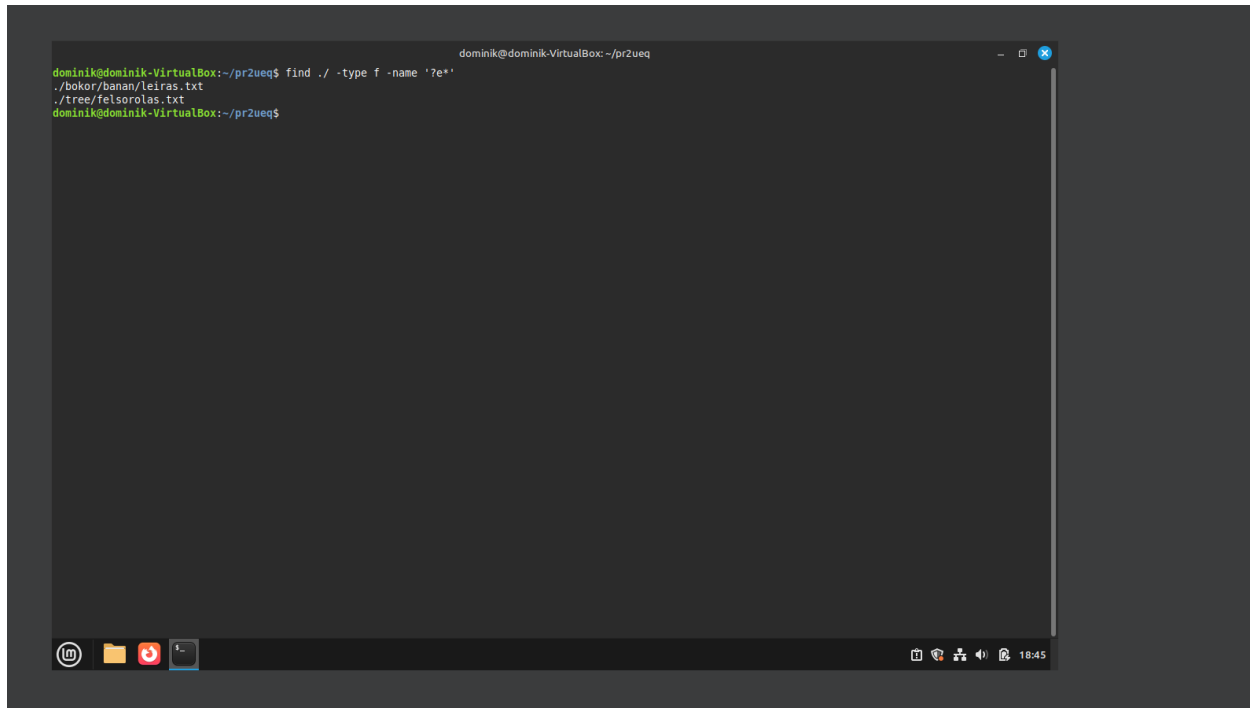
```
dominik@dominik-VirtualBox: ~/pr2ueq/tree
dominik@dominik-VirtualBox:~/pr2ueq/bokor/banan$ echo "Több féle barack van" | cat > leiras.txt
dominik@dominik-VirtualBox:~/pr2ueq/bokor/banan$ echo "A barack sárga" | cat >> leiras.txt
dominik@dominik-VirtualBox:~/pr2ueq/bokor/banan$ echo "A barack finom" | cat >> leiras.txt
dominik@dominik-VirtualBox:~/pr2ueq/bokor/banan$ cat leiras.txt
Több féle barack van
A barack sárga
A barack finom
dominik@dominik-VirtualBox:~/pr2ueq/bokor/banan$ cd ..
dominik@dominik-VirtualBox:~/pr2ueq/bokor$ cd ..
dominik@dominik-VirtualBox:~/pr2ueq$ cd tree/
dominik@dominik-VirtualBox:~/pr2ueq/tree$ echo "Dániel Piszró" | cat > felsorolas.txt
dominik@dominik-VirtualBox:~/pr2ueq/tree$ echo "Hevèle István" | cat >> felsorolas.txt
dominik@dominik-VirtualBox:~/pr2ueq/tree$ echo "Király Gergő" | cat >> felsorolas.txt
dominik@dominik-VirtualBox:~/pr2ueq/tree$ echo "Végh Vencel" | cat >> felsorolas.txt
dominik@dominik-VirtualBox:~/pr2ueq/tree$ echo "Tibor Bálint" | cat >> felsorolas.txt
dominik@dominik-VirtualBox:~/pr2ueq/tree$ cat felsorolas.txt
Dániel Piszró
Hevèle István
Király Gergő
Végh Vencel
Tibor Bálint
dominik@dominik-VirtualBox:~/pr2ueq/tree$
```

4

```
dominik@dominik-VirtualBox: ~/pr2ueq
dominik@dominik-VirtualBox:~/pr2ueq$ tree
.
├── bokor
│   ├── banan
│   │   └── leiras.txt
│   ├── barack
│   └── mogyoro
├── fa
│   ├── banan
│   ├── korte
│   └── szeder
└── tree
    └── felsorolas.txt

10 directories, 2 files
dominik@dominik-VirtualBox:~/pr2ueq$
```

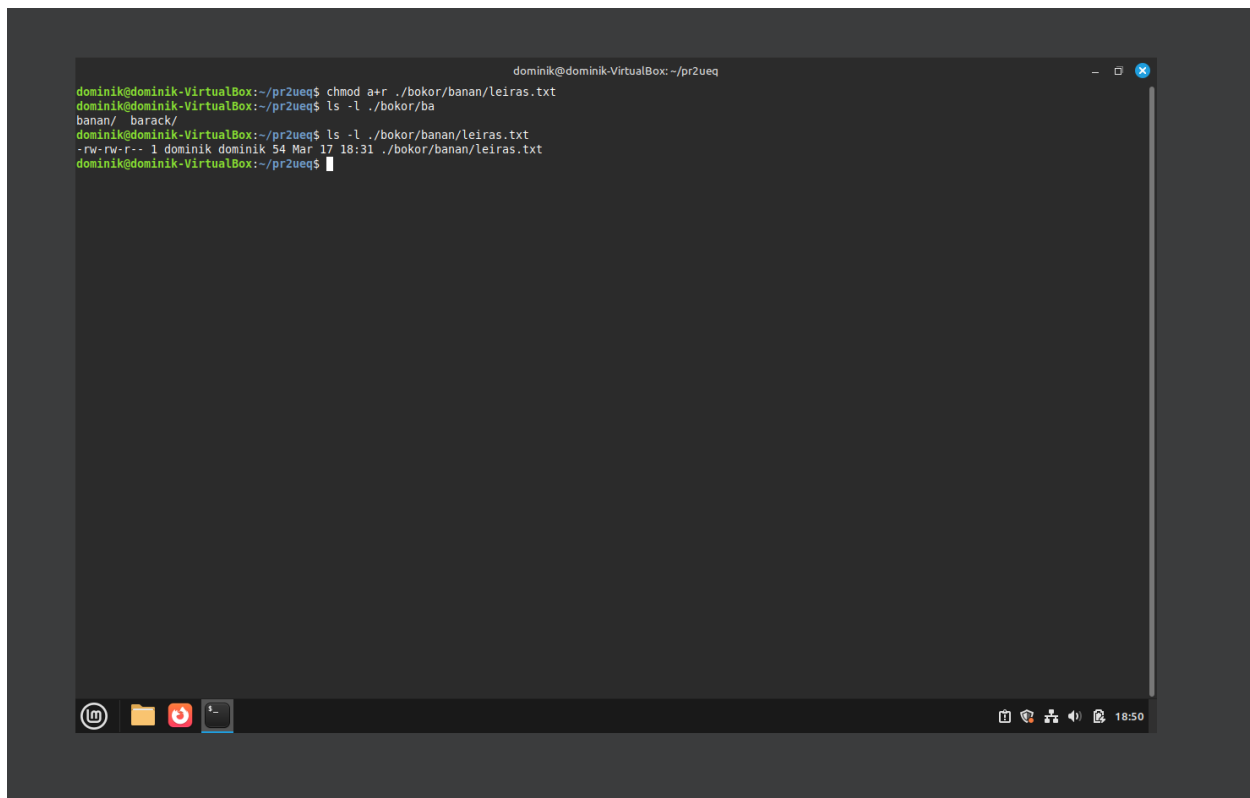
5



A terminal window titled "dominik@dominik-VirtualBox: ~/pr2ueq" with standard window controls. The terminal shows a user running a 'find' command to search for files ending in 'e' in the current directory and its subdirectories. The output lists three files: './bokor/banan/leiras.txt', './tree/felsorolas.txt', and './tree/felsorolas.txt'. The prompt returns to the user after the command completes.

```
dominik@dominik-VirtualBox: ~/pr2ueq
dominik@dominik-VirtualBox:~/pr2ueq$ find ./ -type f -name '*e*'
./bokor/banan/leiras.txt
./tree/felsorolas.txt
dominik@dominik-VirtualBox:~/pr2ueq$
```

6



A terminal window titled "dominik@dominik-VirtualBox: ~/pr2ueq" with standard window controls. The terminal shows a sequence of commands: first, 'chmod a+r ./bokor/banan/leiras.txt' is run; then, 'ls -l ./bokor/ba' is run, showing the file 'barack/'; finally, 'ls -l ./bokor/banan/leiras.txt' is run, displaying the full permissions '-rw-rw-r--' for the file 'leiras.txt', along with the owner 'dominik', group 'dominik', size '54', and timestamp 'Mar 17 18:31'. The prompt returns to the user.

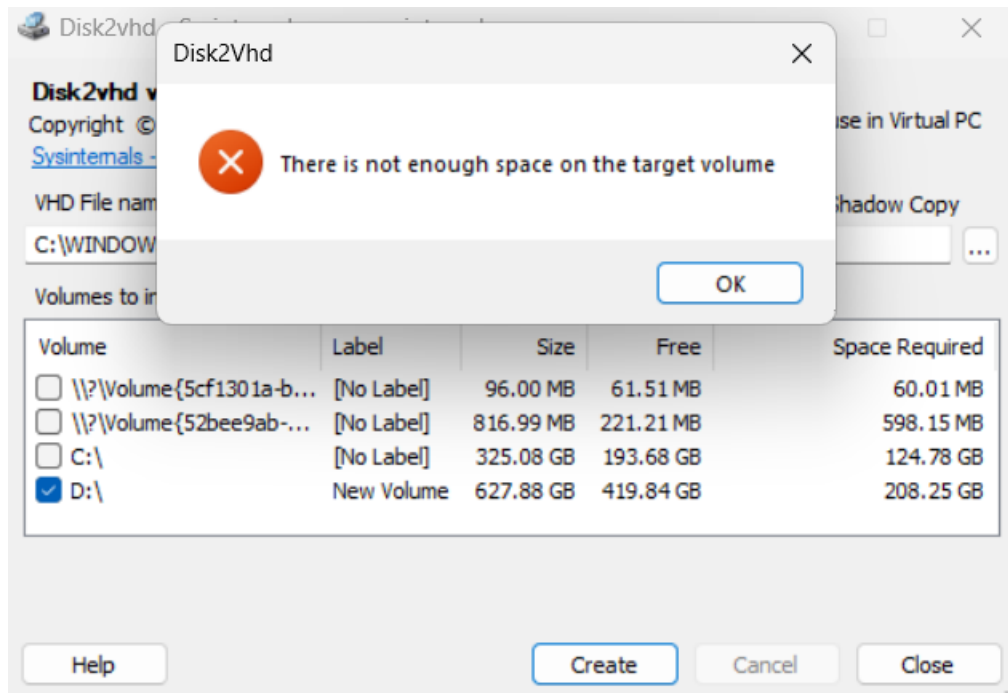
```
dominik@dominik-VirtualBox: ~/pr2ueq
dominik@dominik-VirtualBox:~/pr2ueq$ chmod a+r ./bokor/banan/leiras.txt
dominik@dominik-VirtualBox:~/pr2ueq$ ls -l ./bokor/ba
banan/  barack/
dominik@dominik-VirtualBox:~/pr2ueq$ ls -l ./bokor/banan/leiras.txt
-rw-rw-r-- 1 dominik dominik 54 Mar 17 18:31 ./bokor/banan/leiras.txt
dominik@dominik-VirtualBox:~/pr2ueq$
```

7

```
dominik@dominik-VirtualBox: ~/pr2ueq
dominik@dominik-VirtualBox:~/pr2ueq$ du -sh ./
48K  ./
dominik@dominik-VirtualBox:~/pr2ueq$ du -h ./
8,0K  ./bokor/banan
4,0K  ./bokor/barack
4,0K  ./bokor/mogyoro
20K   ./bokor
4,0K  ./fa/banan
4,0K  ./fa/korte
4,0K  ./fa/szeder
16K   ./fa
8,0K  ./tree
48K   ./
dominik@dominik-VirtualBox:~/pr2ueq$
```

8

```
dominik@dominik-VirtualBox: ~/pr2ueq
dominik@dominik-VirtualBox:~/pr2ueq$ sort ./tree/felsorolas.txt -o ./tree/felsorolas.txt
dominik@dominik-VirtualBox:~/pr2ueq$ sort ./tree/felsorolas.txt
Dániel Piszró
Heviele István
Király Gergő
Tibor Bálint
Végh Vencel
dominik@dominik-VirtualBox:~/pr2ueq$
```



TCPView - Sysinternals: www.sysinternals.com
 File Edit View Process Connection Options Help
 Refresh Pause Filter TCP v4 TCP v6 UDP v4 UDP v6 Search
 Process Name Process ID Protocol State Local Address Local Port Remote Address Remote Port Create Time Module Name Sent Packets Recv Packets
 System 4 UDP 192.168.1.211 137 * 4/3/2025 12:55:08 AM System
 System 4 UDP 192.168.56.1 137 * 4/3/2025 12:55:04 AM System
 System 4 UDP 192.168.1.211 138 * 4/3/2025 12:55:08 AM System
 System 4 UDP 192.168.56.1 138 * 4/3/2025 12:55:04 AM System
 svchost.exe 5584 UDP 127.0.0.1 1900 * 4/3/2025 12:55:08 AM SSDPSRV
 svchost.exe 5584 UDP 192.168.1.211 1900 * 4/3/2025 12:55:08 AM SSDPSRV
 svchost.exe 5584 UDP 192.168.56.1 1900 * 4/3/2025 12:55:08 AM SSDPSRV
 svchost.exe 26904 UDP 192.168.1.211 2177 * 4/3/2025 12:55:08 AM QWAVE
 svchost.exe 26904 UDP 192.168.56.1 2177 * 4/3/2025 12:55:01 AM QWAVE
 svchost.exe 4748 UDP 0.0.0.0 3702 * 4/3/2025 12:57:05 AM dsmhost.exe
 svchost.exe 18548 UDP 0.0.0.0 3702 * 4/3/2025 12:56:55 AM FDResPub
 svchost.exe 4748 UDP 0.0.0.0 3702 * 4/3/2025 12:57:05 AM dsmhost.exe
 svchost.exe 18548 UDP 0.0.0.0 3702 * 4/3/2025 12:56:55 AM FDResPub
 svchost.exe 12544 UDP 0.0.0.0 5050 * 3/29/2025 9:54:14 AM CDPsvc
 brave.exe 4876 UDP 0.0.0.0 5353 * 4/3/2025 12:57:01 AM brave.exe
 brave.exe 4876 UDP 0.0.0.0 5353 * 4/3/2025 12:57:01 AM brave.exe
 svchost.exe 2232 UDP 0.0.0.0 5353 * 4/3/2025 12:55:08 AM DnsCache
 TeamViewer_Service.exe 6132 UDP 192.168.56.1 5353 * 3/29/2025 9:54:15 AM TeamViewer
 svchost.exe 2232 UDP 0.0.0.0 5355 * 4/3/2025 12:55:08 AM DnsCache
 svchost.exe 18548 UDP 0.0.0.0 51697 * 3/29/2025 9:54:27 AM FDResPub
 dsHost.exe 4748 UDP 0.0.0.0 54731 * 4/3/2025 12:57:05 AM dsHost.exe
 ensserver.exe 5848 UDP 127.0.0.1 56125 * 3/29/2025 9:54:12 AM EaseUS UPDATE SERVICE
 nvcontainer.exe 11056 UDP 127.0.0.1 59574 * 4/3/2025 12:55:08 AM nvcontainer.exe
 svchost.exe 5584 UDP 192.168.56.1 59578 * 4/3/2025 12:55:08 AM SSDPSRV
 svchost.exe 5584 UDP 192.168.1.211 59579 * 4/3/2025 12:55:08 AM SSDPSRV
 svchost.exe 5584 UDP 127.0.0.1 59580 * 4/3/2025 12:55:08 AM SSDPSRV
 brave.exe 20348 UDP 0.0.0.0 60617 * 4/3/2025 1:03:26 AM brave.exe
 brave.exe 20348 UDP 0.0.0.0 62719 * 4/3/2025 1:00:33 AM brave.exe
 svchost.exe 5896 UDP 127.0.0.1 62750 * 3/29/2025 9:54:12 AM iphlpsvc
 TeamViewer_Service.exe 6132 UDP 0.0.0.0 62753 * 3/29/2025 9:54:15 AM TeamViewer
 brave.exe 4876 UDP 0.0.0.0 5353 * 4/3/2025 12:57:01 AM brave.exe
 brave.exe 4876 UDP 0.0.0.0 5353 * 4/3/2025 12:57:01 AM brave.exe
 ms-teams.exe 13156 UDP 0.0.0.0 50070 * 4/3/2025 12:56:18 AM ms-teams.exe
 ms-teams.exe 17173 UDP 0.0.0.0 52971 * 4/3/2025 12:56:12 AM ms-teams.exe
 Endpoints: 62 Established: Listening: Time Wait: Close Wait: Paused States: (All)

Process Explorer - Sysinternals: www.sysinternals.com [DESKTOP-VVFFCF1\Dominik]

Process	CPU	Private Bytes	Working Set	PID	Description	Company Name
Registry		17,308 K	48,544 K	280		
System Idle Process	86.27	60 K	8 K	0		
System	2.61	44 K	164 K	4		
Interrupts	0.81	0 K	0 K	n/a	Hardware Interrupts and DPCs	
smss.exe		1,152 K	680 K	808		
Memory Compression		1,004 K	417,472 K	4952		
csrss.exe	< 0.01	3,172 K	5,736 K	1296		
wininit.exe		1,720 K	5,296 K	1480		
services.exe	0.63	7,644 K	16,276 K	1552		
svchost.exe	< 0.01	12,892 K	33,140 K	1696	Host Process for Windows S...	Microsoft Corporation
WmiPrvSE.exe	< 0.01	26,168 K	35,908 K	4216		
unsecapp.exe		1,808 K	9,068 K	21060		
WmiPrvSE.exe	0.27	10,384 K	22,636 K	452		
smartscreen.exe	< 0.01	7,272 K	32,916 K	9640	Windows Defender SmartScr...	Microsoft Corporation
SearchHost.exe	< 0.01	194,144 K	299,412 K	12012		Microsoft Corporation
StartMenuExperienceHo...	0.18	60,768 K	133,332 K	6288	Windows Start Experience H...	Microsoft Corporation
Widgets.exe		9,272 K	55,772 K	23464		Microsoft Corporation
RuntimeBroker.exe	< 0.01	8,404 K	45,604 K	9820	Runtime Broker	Microsoft Corporation
RuntimeBroker.exe	< 0.01	15,692 K	67,896 K	28012	Runtime Broker	Microsoft Corporation
WidgetService.exe		5,052 K	25,504 K	25328	WidgetService.exe	Microsoft Corporation
dllhost.exe	< 0.01	9,856 K	24,324 K	25144	COM Surrogate	Microsoft Corporation
TextInputHost.exe	< 0.01	29,036 K	82,520 K	23404		Microsoft Corporation
ShellExperienceHost.exe	Susp...	19,800 K	77,124 K	27960	Windows Shell Experience H...	Microsoft Corporation
RuntimeBroker.exe		3,248 K	23,476 K	3864	Runtime Broker	Microsoft Corporation
RuntimeBroker.exe		2,404 K	14,428 K	24528	Runtime Broker	Microsoft Corporation
ApplicationFrameHost...		15,960 K	45,632 K	14872	Application Frame Host	Microsoft Corporation
ArmouryCrate.exe	0.27	213,460 K	316,240 K	16016		
RuntimeBroker.exe		55,616 K	84,252 K	22156	Runtime Broker	Microsoft Corporation
dllhost.exe		2,604 K	18,112 K	24032	COM Surrogate	Microsoft Corporation
RuntimeBroker.exe		2,156 K	12,616 K	25384	Runtime Broker	Microsoft Corporation

CPU Usage: 14.10% | Memory Usage: 10.10% | Processes: 207 | Physical Memory: 15.43%

Process Monitor - Sysinternals: www.sysinternals.com

Time	Process Name	PID	Operation	Path	Result	Detail
05:10	svchost.exe	4668	ReadFile	C:\Windows\System32\StateRepository	SUCCESS	Offset: 675,840, Len...
05:10	svchost.exe	18072	TCP Receive	DESKTOP-VVFFCF155161 -> 199.232.1.	SUCCESS	Length: 31326, seq...
05:10	svchost.exe	4668	ReadFile	C:\Windows\System32\StateRepository	SUCCESS	Offset: 667,648, Len...
05:10	svchost.exe	18072	TCP Receive	DESKTOP-VVFFCF155161 -> 199.232.1.	SUCCESS	Length: 19068, seq...
05:10	svchost.exe	1572	ReadFile	C:\Windows\System32\lsasrv.dll	SUCCESS	Offset: 1,603,464, Le...
05:10	svchost.exe	1572	ReadFile	C:\Windows\System32\lsasrv.dll	SUCCESS	Offset: 1,695,744, Le...
05:10	svchost.exe	4668	ReadFile	C:\Windows\System32\StateRepository	SUCCESS	Offset: 626,688, Len...
05:10	svchost.exe	1572	ReadFile	C:\Windows\System32\lsasrv.dll	SUCCESS	Offset: 1,667,072, Le...
05:10	svchost.exe	1572	ReadFile	C:\Windows\System32\lsasrv.dll	SUCCESS	Offset: 1,635,264, Le...
05:10	svchost.exe	4668	LockFile	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	Exclusive: False, Of...
05:10	svchost.exe	18072	TCP Receive	DESKTOP-VVFFCF155161 -> 199.232.1.	SUCCESS	Length: 31326, seq...
05:10	svchost.exe	4668	UnlockFileSingle	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	Offset: 124, Length: 1
05:10	svchost.exe	1572	ReadFile	C:\Windows\System32\lsasrv.dll	SUCCESS	Offset: 1,667,072, Le...
05:10	svchost.exe	1572	ReadFile	C:\Windows\System32\lsasrv.dll	SUCCESS	Offset: 1,650,880, Le...
05:10	svchost.exe	18072	TCP Receive	DESKTOP-VVFFCF155161 -> 199.232.1.	SUCCESS	Length: 8172, seq...
05:10	svchost.exe	1572	ReadFile	C:\Windows\System32\lsasrv.dll	SUCCESS	Offset: 1,662,976, Le...
05:10	svchost.exe	1572	ReadFile	C:\Windows\System32\lsasrv.dll	SUCCESS	Offset: 1,556,480, Le...
05:10	svchost.exe	1572	ReadFile	C:\Windows\System32\lsasrv.dll	SUCCESS	Offset: 1,556,480, Le...
05:10	svchost.exe	1572	QueryNameInfo	C:\Users\Dominik\Downloads\Systemem...	SUCCESS	Name: \Users\Dom...
05:10	svchost.exe	1572	QueryNameInfo	C:\Users\Dominik\Downloads\Systemem...	SUCCESS	Name: \Users\Dom...
05:10	svchost.exe	22248	ReadFile	C:\Windows\System32\Taskbar.dll	SUCCESS	Offset: 2,277,888, Le...
05:10	svchost.exe	4668	LockFile	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	Exclusive: False, Of...
05:10	svchost.exe	4668	UnlockFileSingle	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	Offset: 124, Length: 1
05:10	svchost.exe	22248	ReadFile	C:\Windows\System32\Taskbar.dll	SUCCESS	Offset: 2,208,256, Le...
05:10	svchost.exe	18072	TCP Receive	DESKTOP-VVFFCF155161 -> 199.232.1.	SUCCESS	Length: 17706, seq...
05:10	svchost.exe	18072	TCP Receive	DESKTOP-VVFFCF155161 -> 199.232.1.	SUCCESS	Length: 31326, seq...
05:10	svchost.exe	22248	RegQueryKey	HKCU\Software\Classes	SUCCESS	Query: Name
05:10	svchost.exe	4668	LockFile	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	Exclusive: False, Of...
05:10	svchost.exe	4668	UnlockFileSingle	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	Offset: 124, Length: 1
05:10	svchost.exe	22248	RegQueryKey	HKCU\Software\Classes	SUCCESS	Query: HandleTag...
05:10	svchost.exe	22248	RegOpenKey	HKCU\Software\Classes\Applications\Pr...	NAME NOT FOUND	Desired Access: R...
05:10	svchost.exe	22248	RegOpenKey	HKCR\Applications\Promont64.exe	NAME NOT FOUND	Desired Access: R...
05:10	svchost.exe	22248	RegOpenKey	HKCU\Software\Classes	SUCCESS	Query: Name
05:10	svchost.exe	22248	RegQueryKey	HKCU\Software\Classes	SUCCESS	Query: HandleTag...
05:10	svchost.exe	22248	RegOpenKey	HKCU\Software\Classes	SUCCESS	Query: Name
05:10	svchost.exe	22248	RegOpenKey	HKCU\Software\Classes\Applications\Pr...	NAME NOT FOUND	Desired Access: R...
05:10	svchost.exe	22248	RegOpenKey	HKCR\Applications\Promont64.exe	NAME NOT FOUND	Desired Access: R...
05:10	svchost.exe	22248	CreateFile	C:\Users\Dominik\Downloads\Systemem...	SUCCESS	Desired Access: R...
05:10	svchost.exe	22248	QueryBasicInfo	C:\Users\Dominik\Downloads\Systemem...	SUCCESS	CreationTime: 6/20/...
05:10	svchost.exe	22248	CloseFile	C:\Users\Dominik\Downloads\Systemem...	SUCCESS	
05:10	svchost.exe	4668	LockFile	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	Exclusive: False, Of...
05:10	svchost.exe	4668	UnlockFileSingle	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	Offset: 124, Length: 1
05:10	svchost.exe	22248	ReadFile	C:\Windows\System32\Taskbar.dll	SUCCESS	Offset: 2,191,872, Le...
05:10	svchost.exe	26752	RegOpenKey	HLM\Software\Microsoft\Input\Locales\	SUCCESS	Query: HandleTag...
05:10	svchost.exe	26752	RegOpenKey	HLM\Software\Microsoft\Input\Locales\	SUCCESS	Desired Access: R...

Showing 308,197 of 411,582 events (74%) | Backed by virtual memory

Autoruns - Sysinternals: www.sysinternals.com

File Search Entry Options Category Help

Quick Filter

Winlogon Winsock Providers Print Monitors LSA Providers Network Providers WMI Office

Everything Login Explorer Internet Explorer Scheduled Tasks... Services... Drivers... Codes Boot Execute Image Hijacks Applint Known DLLs

Autoruns Entry

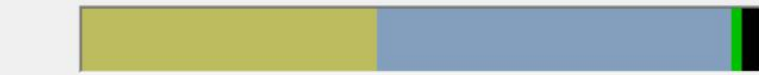
Entry	Description	Publisher	Image Path	Timestamp	Virus Total
Logon					
HKCU\SOFTWARE\Microsoft\Windows\CurrentVersion\Run				Thu Apr 3 00:55:49 2025	
com.squirrel.slack.slack	Slack	(Verified) Slack Technologies, LLC	C:\Users\Dominik\AppData\Local\slack\slack.exe	Sat Mar 29 08:55:53 2025	
Update	Update	(Verified) Discord Inc.	C:\Users\Dominik\AppData\Local\Discord\Update.exe	Tue Feb 20 10:42:22 2024	
Figma Agent	Figma Agent	(Verified) Figma, Inc.	C:\Users\Dominik\AppData\Local\FigmaAgent\figma_agent.exe	Thu Mar 20 18:06:00 2025	
Microsoft OneDrive	Microsoft OneDrive	(Verified) Microsoft Corporation	C:\Program Files\Microsoft OneDrive\OneDrive.exe	Sat Mar 29 08:54:50 2025	
Snap Camera	Snap Camera	(Verified) Snap Inc.	C:\Program Files\Snap Inc\Snap Camera\Snap Camera.exe	Mon Dec 19 18:54:10 2022	
Steam	Steam	(Verified) Valve Corp.	D:\Steam\steam.exe	Tue Mar 11 22:45:00 2025	
Razer Synapse 3	Razer Synapse 3	(Verified) Razer USA Ltd.	C:\Program Files (x86)\Razer\Synapse3\WPFUI\Framework\Razer Synapse ...	Tue Mar 11 13:51:34 2025	
HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Run				Thu Apr 3 00:56:27 2025	
BraveVpnWireguardService	Brave VPN Wireguard Service	(Verified) Brave Software, Inc.	C:\Program Files\BraveSoftware\Brave-Browser\Application\135.1.77.95\Br...	Wed Apr 2 12:59:36 2025	
CDA Server	CDA Server	(Verified) Samsung Electronics CO...	C:\Program Files\Common Files\Common Desktop Agent\CDAService.exe	Fri Mar 9 09:58:54 2012	
HKLM\SYSTEM\CurrentControlSet\Control\SafeBoot\AlternateShell				Mon Apr 1 09:26:32 2024	
cmd.exe	Windows Command Processor	(Verified) Microsoft Windows	C:\WINDOWS\system32\cmd.exe	Fri Feb 28 14:04:29 2025	
HKLM\SOFTWARE\Microsoft\Active Setup\Installed Components				Sat Feb 1 20:16:33 2025	
Brave	Brave Installer	(Verified) Brave Software, Inc.	C:\Program Files\BraveSoftware\Brave-Browser\Application\135.1.77.95\In...	Thu Apr 3 00:56:12 2025	
Google Chrome	Google Chrome Installer	(Verified) Google LLC	C:\Program Files\Google\Chrome\Application\134.0.6998.178\Installer\chr...	Sat Mar 29 08:54:27 2025	
Microsoft Edge	Microsoft Edge Installer	(Verified) Microsoft Corporation	C:\Program Files (x86)\Microsoft\Edge\Application\134.0.3124.93\Installer...	Sat Mar 29 08:59:00 2025	
n/a	Microsoft .NET IE SECURITY REGISTRATION	(Verified) Microsoft Corporation	C:\Windows\System32\mscories.dll	Mon Apr 1 09:22:17 2024	
HKLM\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Run				Sat Feb 1 20:17:18 2025	
RazerCortex	RazerCortex	(Verified) Razer USA Ltd.	C:\Program Files (x86)\Razer\Razer Cortex\RazerCortex.exe	Mon Dec 30 17:10:24 2024	
SunJavaUpdateSched	Java Update Scheduler	(Verified) Oracle America, Inc.	C:\Program Files (x86)\Common Files\Java\Java Update\jusched.exe	Mon Jun 8 19:06:12 2015	
HKLM\SOFTWARE\Wow6432Node\Microsoft\Active Setup\Installed Components				Sat Feb 1 20:17:17 2025	
n/a	Microsoft .NET IE SECURITY REGISTRATION	(Verified) Microsoft Corporation	C:\Windows\System32\mscories.dll	Mon Apr 1 09:22:17 2024	
Explorer					

5

RamMap - Sysinternals: www.sysinternals.com

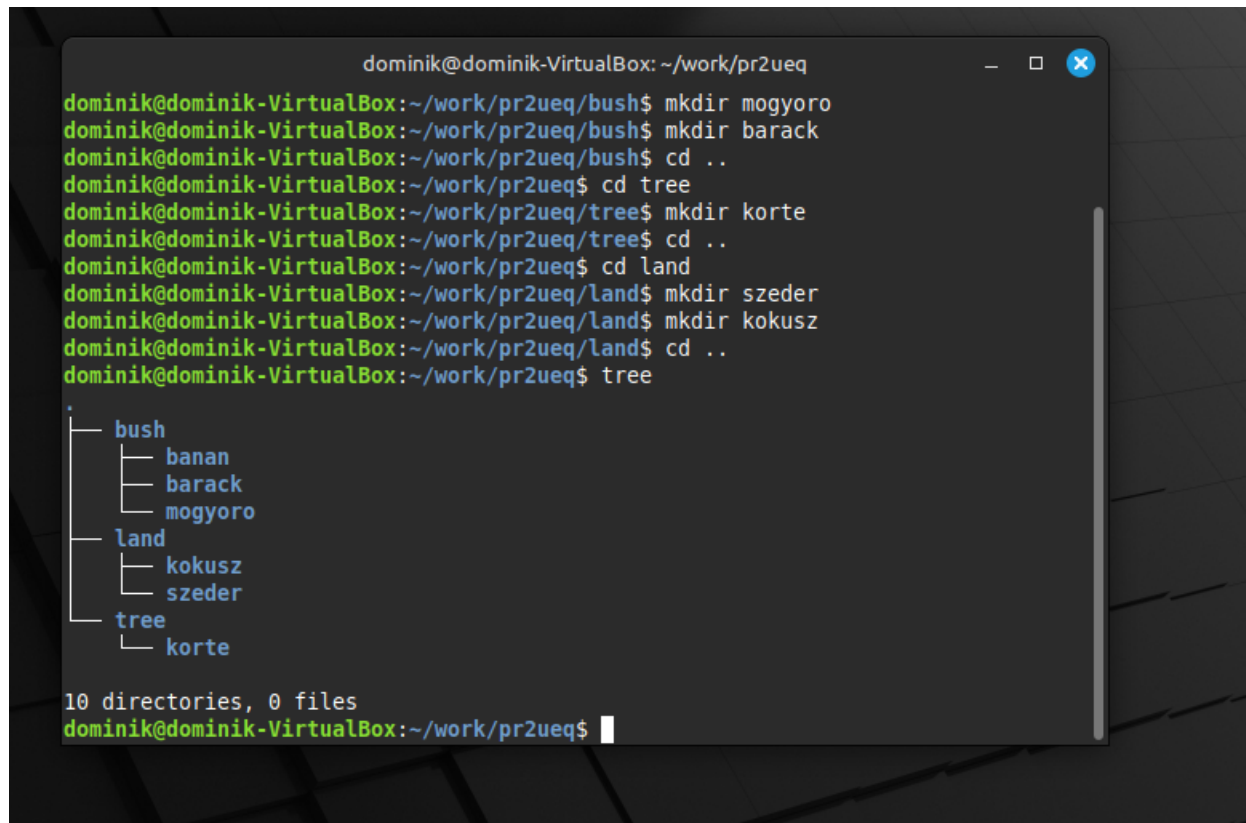
File Empty Settings Help

Use Counts Processes Priority Summary Physical Pages Physical Ranges File Summary File Details



Usage	Total	Active	Standby	Modified
Process Private	6,175,528 K	5,586,696 K	487,424 K	100%
Mapped File	14,030,564 K	2,002,812 K	12,027,328 K	26%
Shareable	679,408 K	338,360 K	76,668 K	26%
Page Table	262,268 K	261,308 K	960 K	
Paged Pool	634,100 K	632,392 K	1,320 K	
Nonpaged Pool	752,916 K	752,916 K		
System PTE	461,992 K	461,992 K		
Session Private				
Metafile	442,924 K	286,944 K	155,980 K	
AWE				
Driver Locked	107,604 K	107,604 K		
Kernel Stack	139,736 K	138,584 K	824 K	
Unused	689,460 K	28,080 K	204 K	
Large Page				
Total	24,376,500 K	10,597,688 K	12,750,708 K	36%

1

A terminal window titled 'dominik@dominik-VirtualBox: ~/work/pr2ueq' with standard window controls. The terminal shows a series of commands to create a directory tree. The 'tree' command output shows a hierarchy starting from the current directory, with 'bush' containing 'banan', 'barack', and 'mogyoro'; 'land' containing 'kokusz' and 'szeder'; and 'tree' containing 'korte'. The summary at the bottom states '10 directories, 0 files'.

```
dominik@dominik-VirtualBox: ~/work/pr2ueq
dominik@dominik-VirtualBox:~/work/pr2ueq/bush$ mkdir mogyoro
dominik@dominik-VirtualBox:~/work/pr2ueq/bush$ mkdir barack
dominik@dominik-VirtualBox:~/work/pr2ueq/bush$ cd ..
dominik@dominik-VirtualBox:~/work/pr2ueq$ cd tree
dominik@dominik-VirtualBox:~/work/pr2ueq/tree$ mkdir korte
dominik@dominik-VirtualBox:~/work/pr2ueq/tree$ cd ..
dominik@dominik-VirtualBox:~/work/pr2ueq$ cd land
dominik@dominik-VirtualBox:~/work/pr2ueq/land$ mkdir szeder
dominik@dominik-VirtualBox:~/work/pr2ueq/land$ mkdir kokusz
dominik@dominik-VirtualBox:~/work/pr2ueq/land$ cd ..
dominik@dominik-VirtualBox:~/work/pr2ueq$ tree
.
├── bush
│   ├── banan
│   ├── barack
│   └── mogyoro
├── land
│   ├── kokusz
│   └── szeder
└── tree
    └── korte

10 directories, 0 files
dominik@dominik-VirtualBox:~/work/pr2ueq$
```

2


```
dominik@dominik-VirtualBox: ~/work/pr2ueq
dominik@dominik-VirtualBox:~/work/pr2ueq$ mv land/szeder tree/
dominik@dominik-VirtualBox:~/work/pr2ueq$ mv bush/banan tree/
dominik@dominik-VirtualBox:~/work/pr2ueq$ tree
.
├── bush
│   ├── barack
│   └── mogyoro
├── land
│   └── kokusz
└── tree
    ├── banan
    ├── korte
    └── szeder

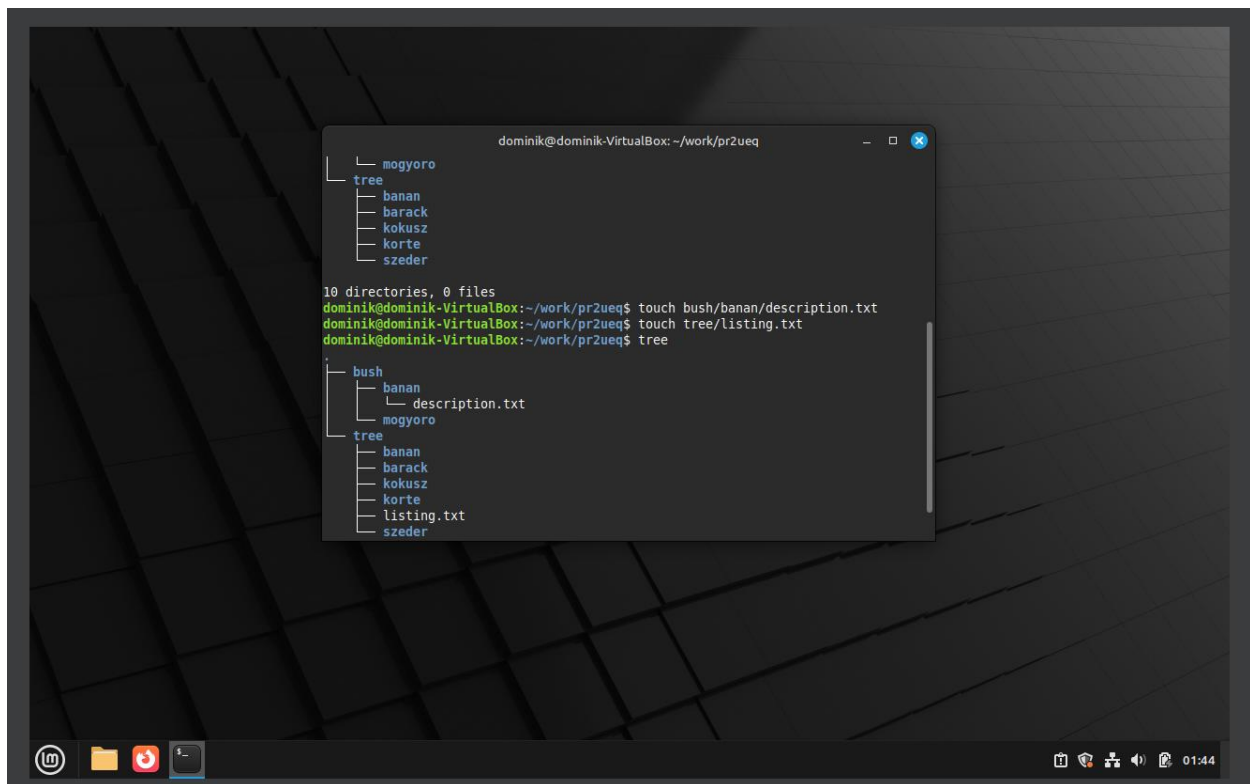
10 directories, 0 files
dominik@dominik-VirtualBox:~/work/pr2ueq$
```

3

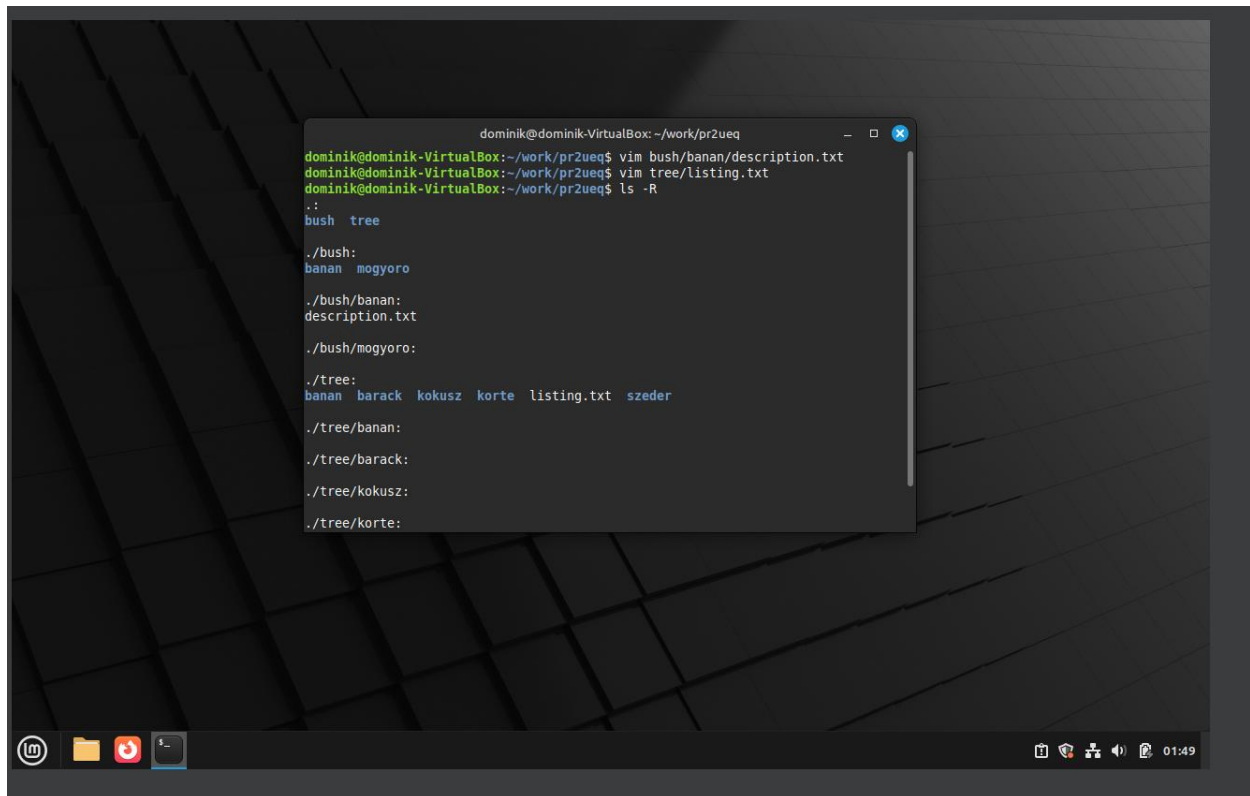
```
dominik@dominik-VirtualBox: ~/work/pr2ueq
dominik@dominik-VirtualBox:~/work/pr2ueq$ mv bush/barack tree/
dominik@dominik-VirtualBox:~/work/pr2ueq$ mv land/kokusz tree/
dominik@dominik-VirtualBox:~/work/pr2ueq$ tree
.
├── bush
│   └── mogyoro
├── land
└── tree
    ├── banan
    ├── barack
    ├── kokusz
    ├── korte
    └── szeder

10 directories, 0 files
dominik@dominik-VirtualBox:~/work/pr2ueq$
```

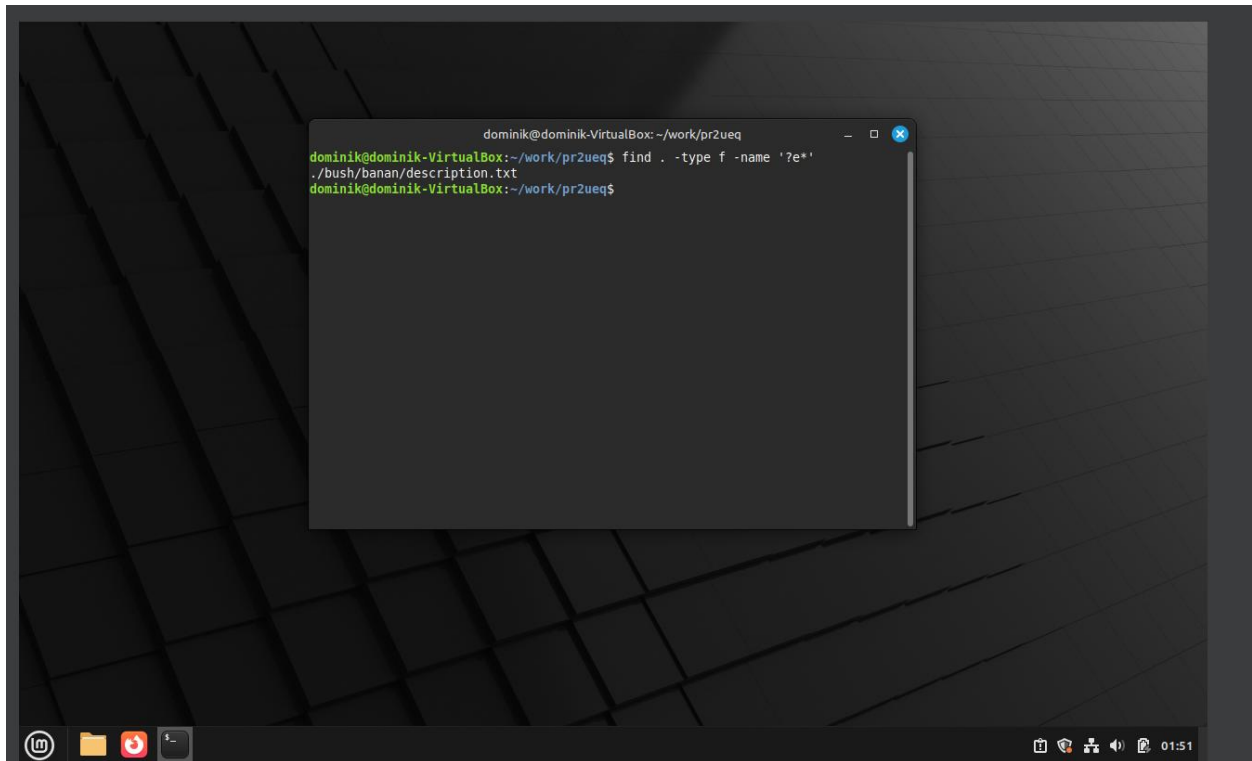
4



6



7

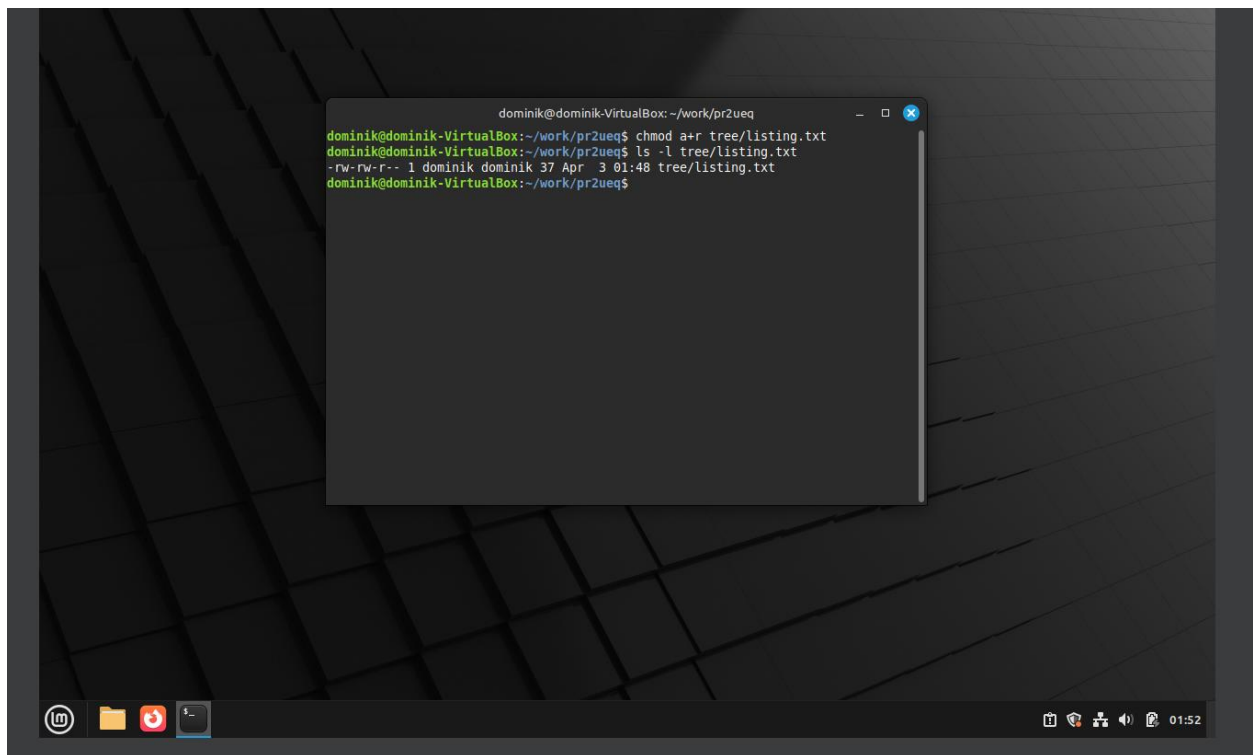


The image shows a terminal window titled "dominik@dominik-VirtualBox: ~/work/pr2ueq". The terminal displays the following commands and output:

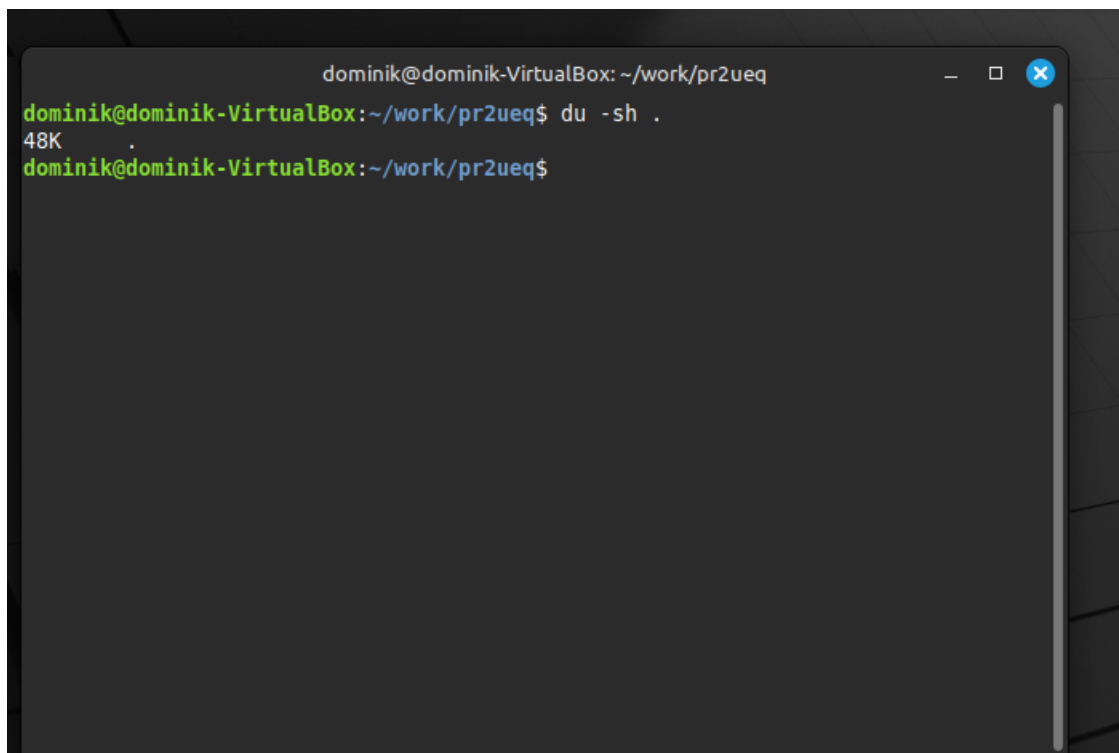
```
dominik@dominik-VirtualBox:~/work/pr2ueq$ find . -type f -name '?e*'  
./bush/banan/description.txt  
dominik@dominik-VirtualBox:~/work/pr2ueq$
```

The terminal window is open on a desktop environment with a dark, geometric patterned background. The desktop has a taskbar at the bottom with icons for a web browser, a folder, a terminal, and a file manager. The system clock in the bottom right corner shows 01:51.

8



9



10

```
dominik@dominik-VirtualBox: ~/work/pr2ueq
dominik@dominik-VirtualBox:~/work/pr2ueq$ sort tree/listing.txt
Alma
Barack
Cseresznye
Körte
Szilva
dominik@dominik-VirtualBox:~/work/pr2ueq$
```

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```
dominik@dominik-VirtualBox: ~/work/pr2ueq
dominik@dominik-VirtualBox:~/work/pr2ueq$ wc -w bush/banan/description.txt
8 bush/banan/description.txt
dominik@dominik-VirtualBox:~/work/pr2ueq$
```