

Systemové programování Windows

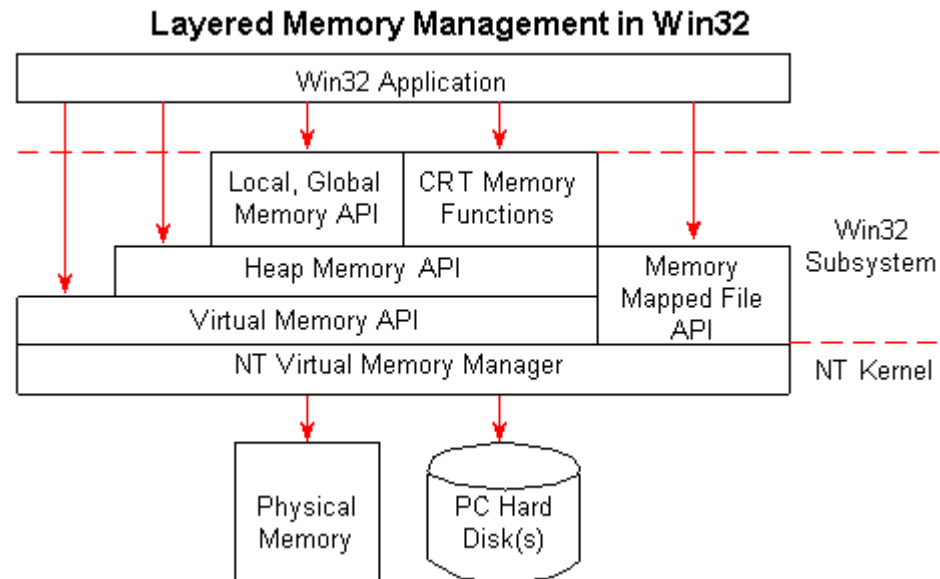
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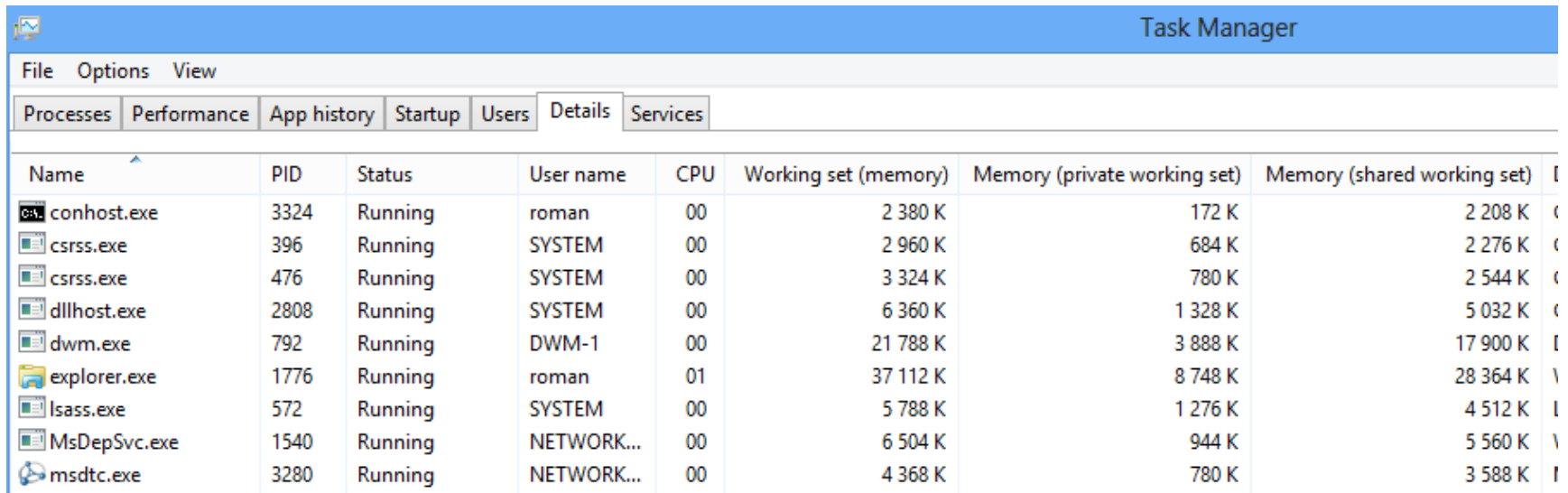


Memory Management



Task Manager

▶ Taskmgr.exe



The screenshot shows the Windows Task Manager application window titled "Task Manager". The "Details" tab is selected, displaying a table of running processes. The table columns are Name, PID, Status, User name, CPU, Working set (memory), Memory (private working set), and Memory (shared working set). The processes listed include conhost.exe, csrss.exe, dllhost.exe, dwm.exe, explorer.exe, lsass.exe, MsDepSvc.exe, and msdtc.exe.

Name	PID	Status	User name	CPU	Working set (memory)	Memory (private working set)	Memory (shared working set)
conhost.exe	3324	Running	roman	00	2 380 K	172 K	2 208 K
csrss.exe	396	Running	SYSTEM	00	2 960 K	684 K	2 276 K
csrss.exe	476	Running	SYSTEM	00	3 324 K	780 K	2 544 K
dllhost.exe	2808	Running	SYSTEM	00	6 360 K	1 328 K	5 032 K
dwm.exe	792	Running	DWM-1	00	21 788 K	3 888 K	17 900 K
explorer.exe	1776	Running	roman	01	37 112 K	8 748 K	28 364 K
lsass.exe	572	Running	SYSTEM	00	5 788 K	1 276 K	4 512 K
MsDepSvc.exe	1540	Running	NETWORK...	00	6 504 K	944 K	5 560 K
msdtc.exe	3280	Running	NETWORK...	00	4 368 K	780 K	3 588 K

Aktuální stav paměti

- ▶ **Private Working Set**

- ▶ Subset of working set that specifically describes the amount of memory a process is using that cannot be shared by other processes.

- ▶ **Working Set**

- ▶ Amount of memory in the private working set plus the amount of memory the process is using that can be shared by other processes.



Stav virtuální paměti

- ▶ **Commit Size**

- ▶ Amount of virtual memory that is reserved for use by a process.



Díky za pozornost

