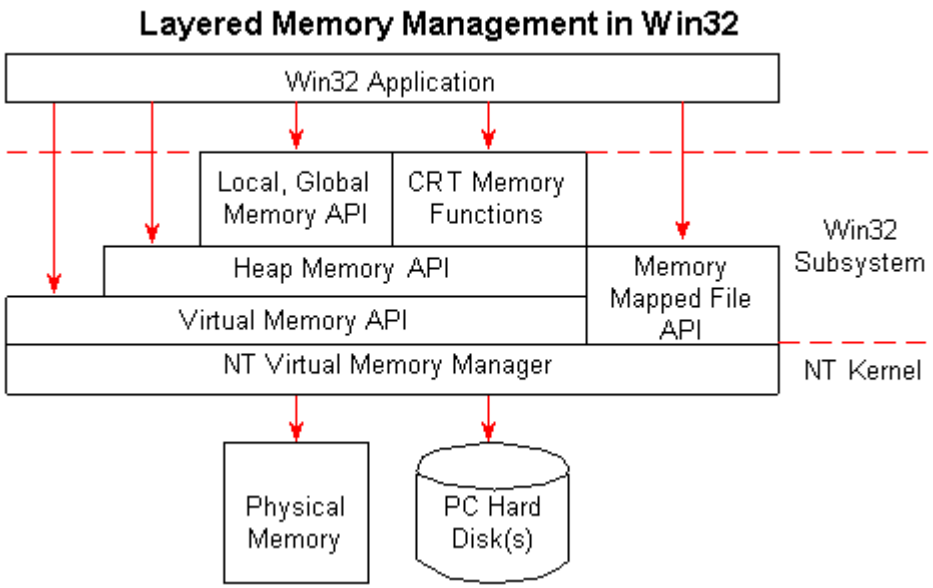
Systémové programování Windows

Paměť - 2

Obsah

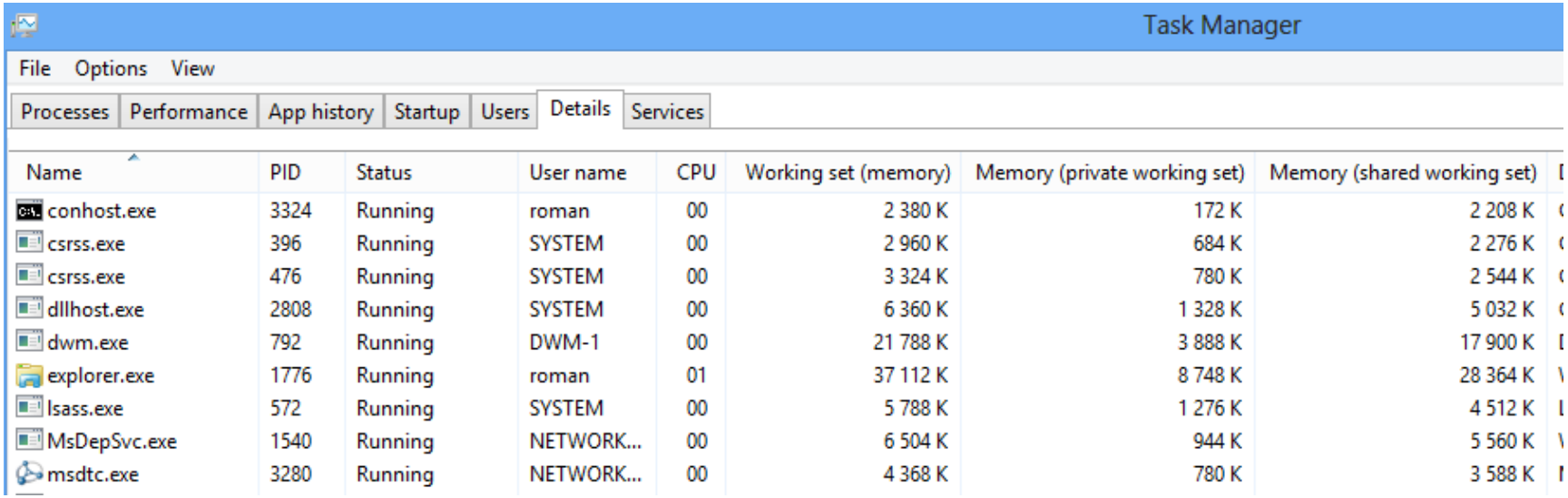
- Memory Management
- Task Manager
- Aktuální stav paměti
- Stav virtuální paměti

Memory Management



Task Manager

- Taskmgr.exe



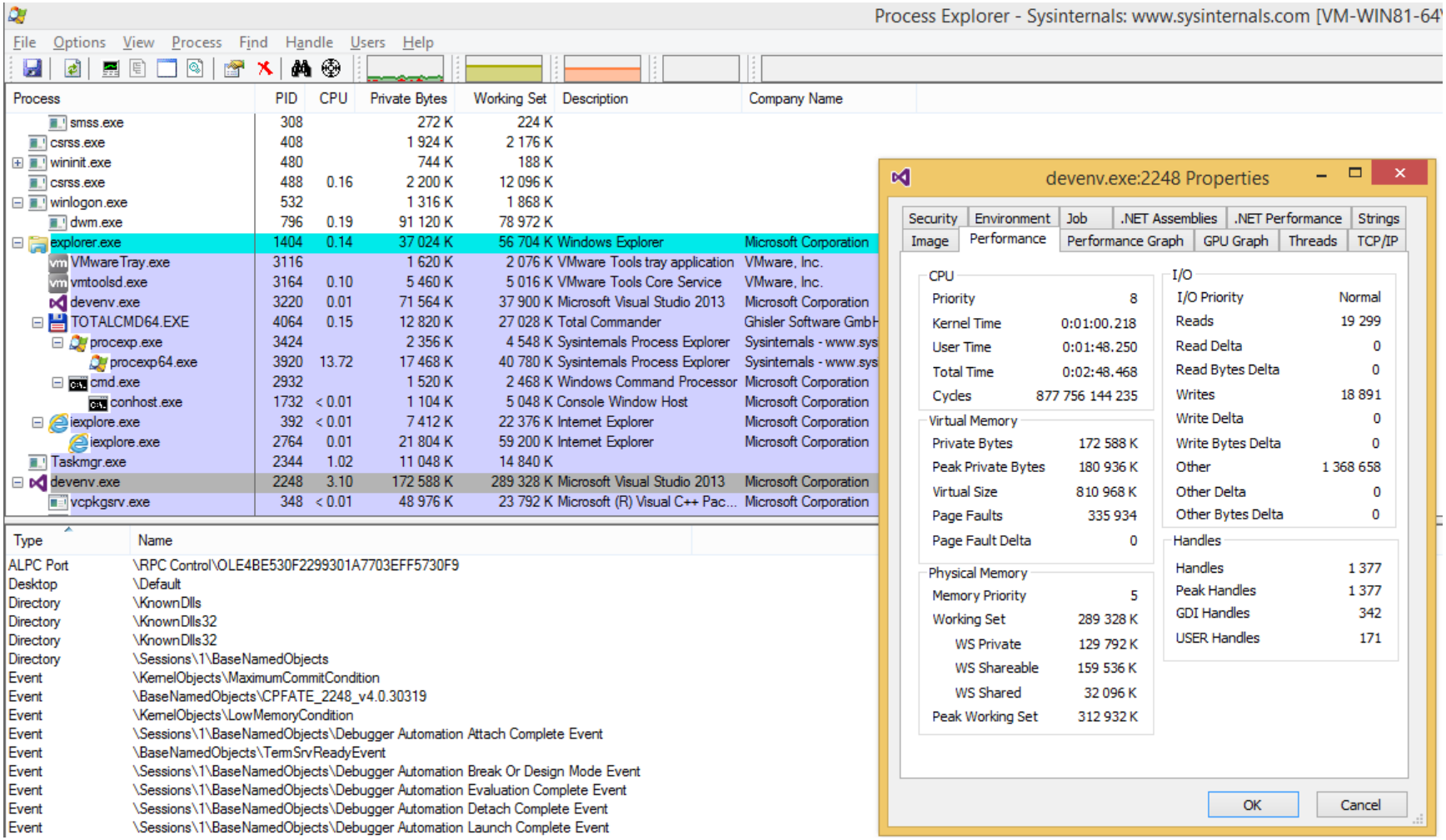
Aktuální stav fyzicke paměti

- 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.

Process Explorer



Soubory namapované do paměti

```
HANDLE hFile = CreateFile(...);
HANDLE hFileMapping = CreateFileMapping(hFile, ...);
CloseHandle(hFile);
PVOID fileView = MapViewOfFile(hFileMapping, ...);

// use the memory-mapped file

UnmapViewOfFile(fileView);
CloseHandle(hFileMapping);
```

Díky za pozornost