

Remarks

The format of the data returned to the SystemInformation buffer is a sequence of SYSTEM_PROCESSES structures, chained together via the NextEntryDelta member. The Threads member of each SYSTEM_PROCESSES structure is an array of ThreadCount SYSTEM_THREADS structures. The end of the process chain is marked by a NextEntryDelta value of zero.

The Process Status API (PSAPI) function EnumProcesses uses this information class to obtain a list of the process identifier in the system.

An demonstration of the use of this information class to implement a subset of the Tool Help Library appears in Example 1.1.

The addition of the IoCounters member to SYSTEM_PROCESSES structure in Windows 2000 has the consequence that Windows NT 4.0 applications that access the Threads member fail when run under Windows 2000; for example the pstat.exe resource kit utility suffers from this problem.

