

Overview



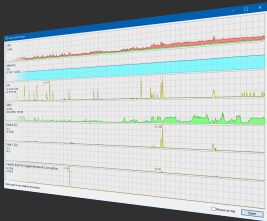
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# Process Hacker

A **free**, powerful, multi-purpose tool that helps you **monitor system resources**, **debug software** and **detect malware**.



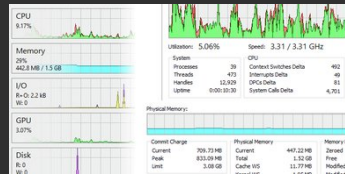
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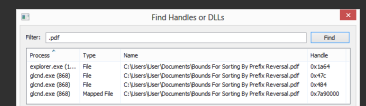


**Graphs and statistics allow you quickly to track down resource hogs and runaway processes.**

Use Ctrl+I to view system performance information. Move your cursor over a graph to get a tooltip with information about the data point under your cursor. You can double-click the graph to see information about the process at that data point, even if the process is no longer running.

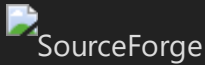
**Can't edit or delete a file? Discover which processes are using that file.**

Use Ctrl+F to search for a handle or DLL. If all else fails, you can right-click an entry and close the handle associated with the file. However, this should only be used as a last



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resort and can lead to data loss  
and corruption.

Name	Local Add...	Link...	Remote A...	Rem...	Prot...	Status	Total Rate	Owner	Process
explorer.e...	wind-pc...	40375	cob51.tyd...	80	TCP	Establish...	360.37 kB/s		Not at
explorer.e...	wind-pc...	40383	cob51.tyd...	80	TCP	Establish...	182.62 kB/s		Not at
explorer.e...	wind-pc...	40381	cob51.tyd...	80	TCP	Establish...	111.72 kB/s		Not at
explorer.e...	wind-pc...	40382	cob51.tyd...	80	TCP	Establish...	66.43 kB/s		Not at
explorer.e...	wind-pc...	40380	cob51.tyd...	80	TCP	Establish...	41.09 kB/s		Not at
explorer.e...	wind-pc...	40380	cob51.tyd...	80	TCP	Establish...	27.83 kB/s		Not at
explorer.e...	wind-pc...	40385	cob51.tyd...	80	TCP	Establish...	33.97 kB/s		Not at
explorer.e...	wind-pc...	40384	cob51.tyd...	80	TCP	Establish...	33.22 kB/s		Not at
explorer.e...	wind-pc...	40387	star-01-G3...	80	TCP	Establish...	5.16 kB/s		Not at
explorer.e...	wind-pc...	51200			UDP		646 B/s		Allow
System (S...	wind-pc...	155			UDP		100 B/s		Not at
explorer.e...	wind-pc...	40382	64.4.11.30	80	TCP	Establish...			Not at

See what programs  
have active network  
connections, and close  
them if necessary.

Use Ctrl+I to view system  
performance information.

Move your cursor over a graph  
to get a tooltip with  
information about the data  
point under your cursor. You  
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see information about the  
process at that data point, even  
if the process is no longer  
running.

See a highly detailed  
overview of system  
activity with  
highlighting.

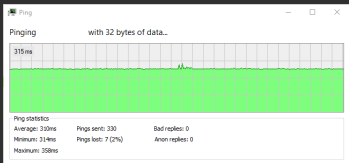
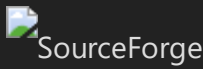
Add extra columns to show  
even more system activity and

Process Hacker (WINB-PC\User) - (Administrator)									
Taskbar View Icons System Help									
File Edit View Options Window Help									
Processes Services Network Data									
Name PID CPU I/O Total... Private B... User Name Description									
40375 TCPConnect... 3444 1.58 MB WINB-PC\User Taskbar									
40380 cmd.exe 3196 545 KB WINB-PC\User Console									
40381 dhcpcd.exe 2080 0.01 2.15 MB NT AUTHORITY\SYSTEM COM Sur									
40382 SearchIndexe... 2720 13.28 MB NT AUTHORITY\SYSTEM Microsoft									
40383 SearchProtocol... 2080 2.55 MB NT AUTHORITY\SYSTEM Microsoft									
40384 explorer.exe 3172 1.80 MB NT AUTHORITY\SYSTEM Microsoft									
40385 explorer.exe 2964 2.05 MB N... NETWORK SERVICE Microsoft									
40386 explorer.exe 1572 2.45 MB WINB-PC\User Taskbar									
40387 explorer.exe 776 2.14 MB NT AUTHORITY\SYSTEM Local Ser									
40388 explorer.exe 3696 992 KB NT AUTHORITY\SYSTEM Client Ser									
40389 explorer.exe 2728 820 KB NT AUTHORITY\SYSTEM Windows									
40390 explorer.exe 8028 0.09 46.71 MB Winform-M... (DMA)... Desktop									
40391 explorer.exe 1248 0.05 23.18 MB WINB-PC\User Windows									
40392 ProcessHacker.exe 2036 0.78 5.71 MB WINB-PC\User Process H...									

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information!

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See a highly detailed overview of connection stability.

Use the ping tool from the network tab to check the connection quality and stability.

Name	File	Read Rat.	Write Rat.	Total Rat.	I/O Priority	Reqs/s
System Idle	C:\Windows\SOFTWARE\LOG1	253.89 kB/s	253.89 kB/s	Normal	4	
System Idle	C:\Windows\Sys\SOFTWARE	253.89 kB/s	253.89 kB/s	Normal	3	
explorer.exe	C:\Windows\Sys\Internet	74.4 kB/s	74.4 kB/s	Normal	1	
svchost.exe	C:\Windows\Microsoft\...	32.3 kB/s	32.3 kB/s	Very Low	4	
explorer.exe	C:\Windows\Sys\...	31.48 kB/s	31.48 kB/s	Normal	1	
explorer.exe	C:\Windows\System32\...	Go to Process	...	...	...	...
System Idle	StructureQuerySche...	Copy	...	...	...	...
explorer.exe	C:\Users\thumbarcache_...	Open File Location	Enter	...	...	...
McAfeeEng...	StructureQuerySche...	Copy	...	...	...	...
svchost.exe	C:\Wind...nt\...	Properties	Ctrl+C	...	...	...
No Process	C:\Windows\WinSxS\...	5.29 kB/s	5.29 kB/s	Normal	9	
explorer.exe	C:\Windows\SearchFolder...	5.11 kB/s	5.11 kB/s	Normal	9	
System Idle	C:\Logfile	4.33 kB/s	4.33 kB/s	Normal	1	
No Process	C:\Windows\WinSxS\...	4.32 kB/s	4.32 kB/s	Normal	1	
System Idle	C:\Windows\System32\...	4 kB/s	4 kB/s	Very Low	0	

Get real-time information on disk access.

This may look very similar to the Disk Activity feature in Resource Monitor, but Process Hacker has a few more features!

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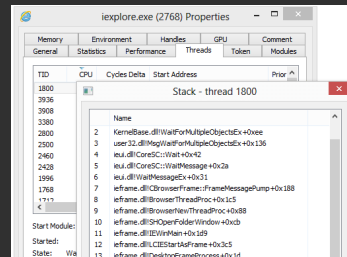
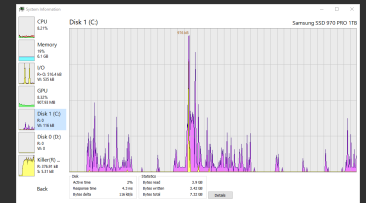
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## Get real-time information on disk usage.

Enable disk statistics for detailed disk usage information.

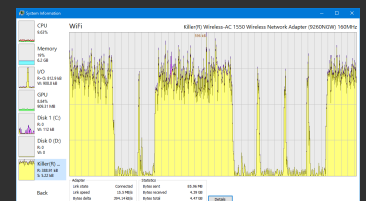


## View detailed stack traces with kernel-mode, WOW64 and .NET support.

Hover your cursor over the first column (with the numbers) to view parameter and line number information when available.

## Get real-time information on network usage.

Enable network adapter statistics for detailed information network usage information.

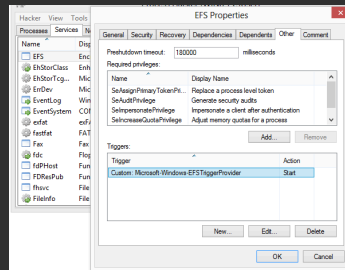


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**Go beyond  
services.msc: create,  
edit and control  
services.**

By default, Process Hacker shows entries for drivers in addition to normal user-mode services. You can turn this off by checking **View > Hide Driver Services**.

**Get real-time  
information on gpu  
usage.**

By default, Process Hacker shows gpu usage for all processes. Hover your cursor over the graph for detailed information when available.

