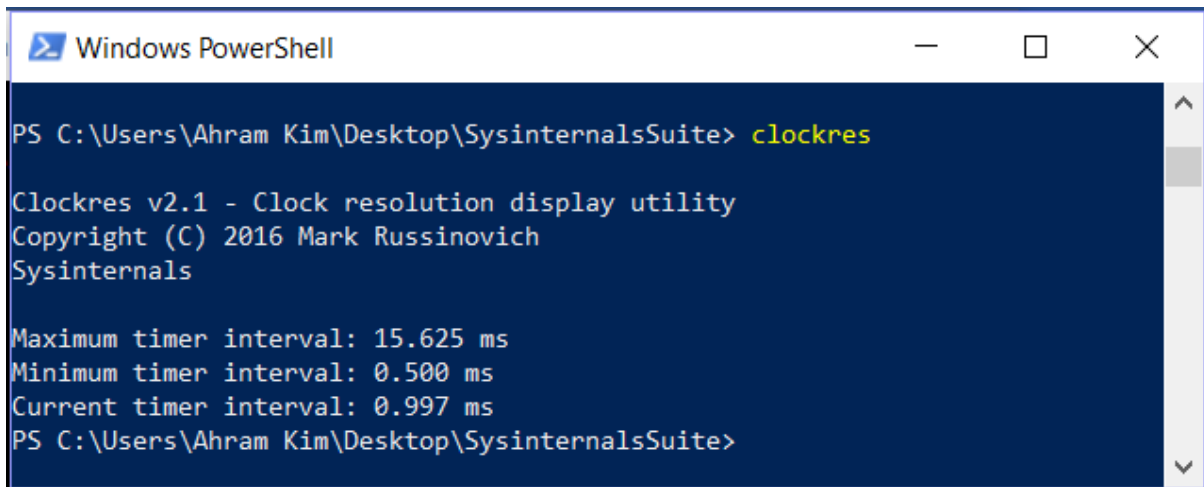


1. Run the clockres program



```

Windows PowerShell

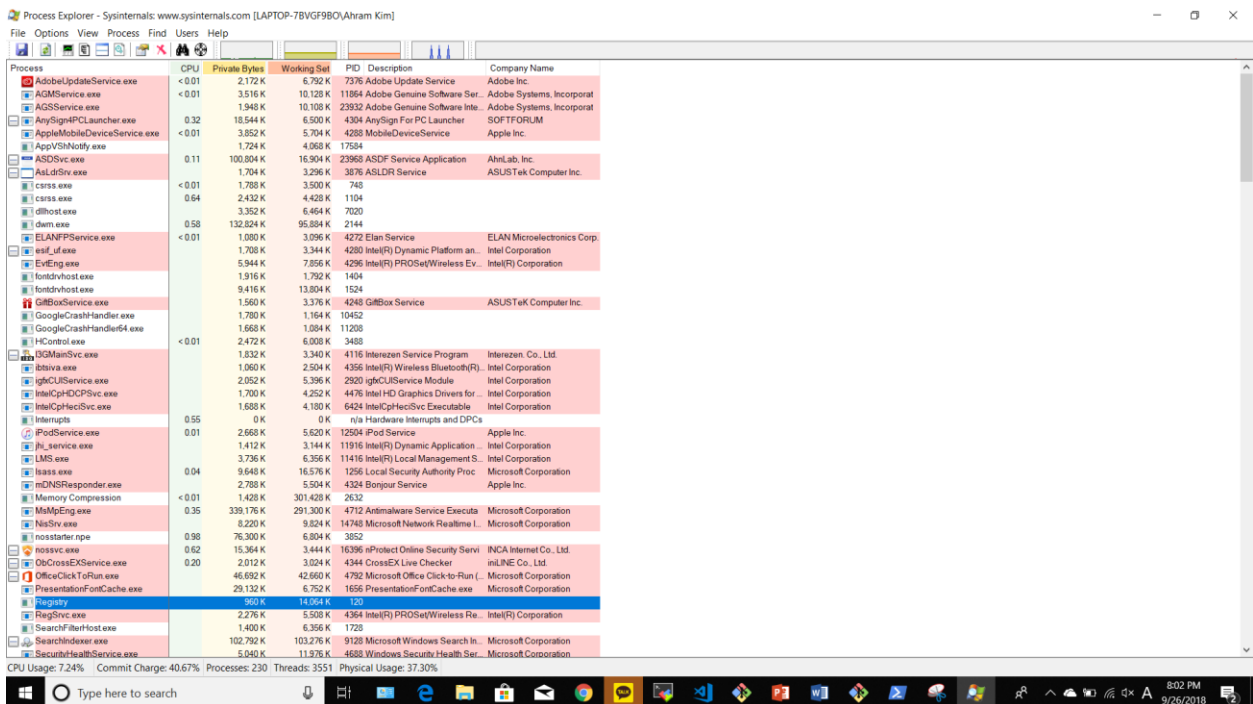
PS C:\Users\Ahram Kim\Desktop\SysinternalsSuite> clockres

Clockres v2.1 - Clock resolution display utility
Copyright (C) 2016 Mark Russinovich
Sysinternals

Maximum timer interval: 15.625 ms
Minimum timer interval: 0.500 ms
Current timer interval: 0.997 ms
PS C:\Users\Ahram Kim\Desktop\SysinternalsSuite>

```

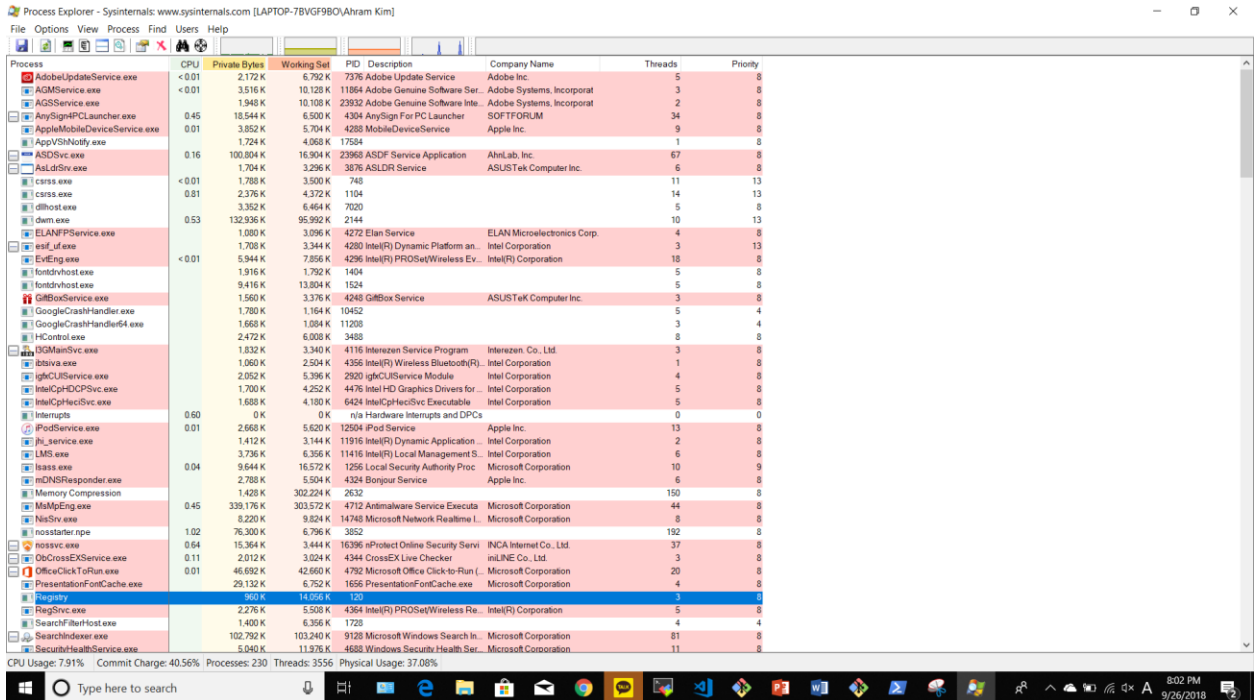
2. Startup the process explorer procexp



Process Explorer - Sysinternals: www.sysinternals.com [LAPTOP-7BVGF9BO\Ahram Kim]

Process	CPU	Private Bytes	Working Set	PID	Description	Company Name
AdobeUpdateService.exe	< 0.01	2,172 K	6,792 K	7376	Adobe Update Service	Adobe Inc.
AGMSvc.exe	< 0.01	3,516 K	10,128 K	11864	Adobe Genuine Software Ser...	Adobe Systems, Incorporat
AGSSvc.exe		1,948 K	10,108 K	23932	Adobe Genuine Software Inte...	Adobe Systems, Incorporat
AnySignPCLauncher.exe	0.32	18,544 K	6,500 K	4304	AnySign For PC Launcher	SOFTFORUM
AppleMobileDeviceService.exe	< 0.01	3,852 K	5,704 K	4288	MobileDeviceService	Apple Inc.
AppleMobileDeviceService.exe		1,724 K	4,068 K	1,754		
ASDService.exe	0.11	100,804 K	16,904 K	23968	ASDF Service Application	AhlLab, Inc.
ASLDR.exe		1,704 K	3,296 K	3876	ASLDR Service	ASUSTek Computer Inc.
csrss.exe	< 0.01	1,788 K	3,500 K	748		
csrss.exe	0.64	2,432 K	4,428 K	1104		
dhcpl.exe		3,352 K	6,464 K	7020		
dhcpl.exe	0.58	132,824 K	95,804 K	2144		
ELANFService.exe	< 0.01	1,080 K	3,096 K	4272	Elan Service	ELAN Microelectronics Corp.
esif.exe		1,708 K	3,344 K	4280	Intel(R) Dynamic Platform an...	Intel Corporation
EvEng.exe		5,944 K	7,856 K	4296	Intel(R) PROSet/Wireless Ev...	Intel Corporation
fontdrvhost.exe		1,916 K	1,792 K	1404		
fontdrvhost.exe		9,416 K	13,804 K	1524		
GfBoxService.exe		1,560 K	3,376 K	4248	GfBox Service	ASUSTek Computer Inc.
GoogleCrashHandler.exe		1,780 K	1,164 K	10452		
GoogleCrashHandler64.exe		1,668 K	1,084 K	11208		
HCControl.exe	< 0.01	2,472 K	6,008 K	3488		
IGMPMainSvc.exe		1,832 K	3,340 K	4116	Interzeen Service Program	Interzeen Co., Ltd.
IntSvc.exe		1,060 K	2,504 K	4356	Intel(R) Wireless Bluetooth(R)...	Intel Corporation
igmpCUIService.exe		2,052 K	5,396 K	2920	igmpCUIService Module	Intel Corporation
IntelCpHCPService.exe		1,700 K	4,252 K	4476	Intel HD Graphics Drivers for ...	Intel Corporation
IntelCpHCPService.exe		1,688 K	4,180 K	6424	IntelCpHCPService Executable	Intel Corporation
Interrupts	0.55	0 K	0 K	n/a	Hardware Interrupts and DPCs	
IPodService.exe	0.01	2,668 K	5,620 K	12504	iPod Service	Apple Inc.
ip_service.exe		1,412 K	3,144 K	11916	Intel(R) Dynamic Application ...	Intel Corporation
LMS.exe		3,736 K	6,356 K	11416	Intel(R) Local Management S...	Intel Corporation
lsm.exe	0.04	9,648 K	16,576 K	1256	Local Security Authority Proc...	Microsoft Corporation
mDNSResponder.exe		2,788 K	5,504 K	4324	Bonjour Service	Apple Inc.
Memory Compression	< 0.01	1,408 K	301,428 K	2632		
MsMpEng.exe	0.35	339,176 K	291,300 K	4712	Antimalware Service Executa...	Microsoft Corporation
NlsSvc.exe		8,220 K	9,824 K	14748	Microsoft Network Realtime L...	Microsoft Corporation
nosstarter.exe	0.98	76,300 K	6,804 K	3852		
nosvc.exe	0.62	15,364 K	3,444 K	16396	rProtect Online Security Servi...	INCA Internet Co., Ltd.
ObexCrossEXService.exe	0.20	2,012 K	3,024 K	4344	CrossEX Live Checker	mLINE Co., Ltd.
OfficeClickToRun.exe		46,692 K	42,660 K	4792	Microsoft Office Click-to-Run (...)	Microsoft Corporation
PresentationFontCache.exe		29,132 K	6,752 K	1656	PresentationFontCache.exe	Microsoft Corporation
Registry		960 K	14,064 K	120		
RegSvc.exe		2,276 K	5,508 K	4364	Intel(R) PROSet/Wireless Re...	Intel Corporation
SearchFilterHost.exe		1,480 K	6,356 K	1728		
SearchIndexer.exe		102,792 K	103,276 K	9128	Microsoft Windows Search In...	Microsoft Corporation
SecurityHealthService.exe		5,040 K	11,976 K	4688	Windows Security Health Ser...	Microsoft Corporation

CPU Usage: 7.24% Commit Charge: 40.67% Processes: 230 Threads: 3551 Physical Usage: 37.30%



3. Find notepad in the process explorer

msimn.exe	0.10	6,742 K	13,744 K	1068	Microsoft Internet Explorer	Microsoft Corporation	1	Normal	8
MSASCuiL.exe		2,160 K	6,868 K	1124	Windows Defender notificati...	Microsoft Corporation	1	Normal	8
node.exe		47,364 K	50,840 K	23508	Node.js: Server-side JavaScript	Node.js	26	Normal	8
node.exe		37,328 K	37,516 K	18976	Node.js: Server-side JavaScript	Node.js	25	Normal	8
notepad.exe		3,136 K	16,008 K	10060	Notepad	Microsoft Corporation	4	Normal	24
OneDrive.exe	0.20	68,696 K	48,448 K	18728	Microsoft OneDrive	Microsoft Corporation	27	Normal	6
OpenWith.exe		8,332 K	14,936 K	15388	Pick an app	Microsoft Corporation	2	Normal	8
POWERPNT.EXE	< 0.01	109,644 K	145,996 K	19640	Microsoft PowerPoint	Microsoft Corporation	18	Normal	8
PowerShell.exe		61,792 K	77,924 K	13284	Windows PowerShell	Microsoft Corporation	11	Normal	8

4. Check the priority of notepad (powershell)

PriorityClass: RealTime				
ProcessName	Id	HandleCount	WorkingSet64	
notepad	10060	265	16384000	
ObCrossEXService	4344	112	3100672	
OfficeClickToRun	4792	808	43577344	

5. Check the priority of notepad (task namager)

node.exe	18976	Running	Ahram Kim	00	10,776 K	Normal	25	Node.js: Server-side JavaScript
nosstarter.npe	3852	Running	SYSTEM	01	2,592 K	Normal	186	nProtect Online Security Starter
nossvc.exe	16396	Running	SYSTEM	01	2,144 K	Normal	34	nProtect Online Security Service
notepad.exe	10060	Running	Ahram Kim	00	2,152 K	Realtime	3	Notepad
ObCrossEXService.exe	4344	Running	SYSTEM	00	808 K	Normal	3	CrossEX Live Checker
OfficeClickToRun.exe	4792	Running	SYSTEM	00	19,900 K	Normal	19	Microsoft Office Click-to-Run (SxS)
OneDrive.exe	18728	Running	Ahram Kim	00	17,860 K	Below normal	27	Microsoft OneDrive
OpenWith.exe	15388	Running	Ahram Kim	00	1,840 K	Normal	2	Pick an app
POWERPNT.EXE	19640	Running	Ahram Kim	00	71,536 K	Normal	18	Microsoft PowerPoint