

การตรวจสอบ Process ที่กำลังทำงาน

Linux

วิธีตรวจสอบว่ามี Process อะไรทำงานบ้างใน Linux
วิธีตรวจสอบคือใช้ Command ชื่อว่า :

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$ top
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PID	COMMAND	%CPU	TIME	#TH	#WQ	#PORT	MEM	PURG	CMPRS	PGRP	PPID	STATE	BOOSTS	%CPU_ME	%CPU_OTHRS	UID
158	WindowServer	28.9	02:34.75	16	6	1586-	512M+	39M-	22M	158	1	sleeping	*0[1]	0.08210	0.02336	88
1348	iTerm2	8.3	00:56.86	8	5	376	180M+	52M-	0B	1348	1	sleeping	*0[175]	0.02573	0.00000	501
0	kernel_task	7.5	02:01.27	221/8	0	0	115M	0B	0B	0	0	running	0[0]	0.00000	0.00000	0
678	Discord Help	6.9	01:55.78	35	1	523	205M+	0B	68M	618	618	sleeping	*1[4]	0.17105	0.00000	501
3613	screencaptur	5.9	00:00.59	2	1	64	4176K+	620K	0B	609	609	sleeping	*0[325+]	0.17261	0.00000	501
3604	top	5.8	00:02.35	1/1	0	33	5000K	0B	0B	3604	1477	running	*0[1]	0.00000	0.00000	0
332	com.apple.Ap	3.6	00:08.74	3	2	346	1248K	0B	4096B	332	1	sleeping	0[1]	0.00000	0.00000	270
285	mDNSResponde	2.0	00:47.28	3	1	72	3280K	0B	20K	285	1	sleeping	*0[1]	0.00000	0.00000	65
463	rapportd	1.1	00:26.97	3	2	200	4312K	0B	1716K	463	1	sleeping	*0[1]	0.62868	0.00000	501
3614	screencaptur	0.7	00:00.28	4	2	198-	14M-	52K	0B	3614	1	sleeping	*0[171+]	0.00000	0.17261	501
457	callservices	0.5	00:10.79	5	2	375	7760K	0B	3324K	457	1	sleeping	*0[26825+]	0.00000	0.30749	501
470	identityserv	0.5	00:11.15	7	2	277	9484K	204K	4404K	470	1	sleeping	*0[1]	0.00000	0.32119	501
1232	Brave Browse	0.4	00:19.24	15	1	170	112M	8192B	3240K	721	721	sleeping	*0[6]	0.00000	0.00000	501
721	Brave Browse	0.4	02:03.74	44	1	873	237M	136K	57M	721	1	sleeping	*0[277]	0.00000	0.00000	501
202	coreaudi	0.3	00:12.80	9	2	814	10M	0B	220K	202	1	sleeping	*0[1]	0.00000	0.17105	202
739	Brave Browse	0.3	00:22.10	14	1	147	83M	0B	9892K	721	721	sleeping	*0[4]	0.00000	0.00000	501
732	Brave Browse	0.3	00:16.90	16	1	107	27M	0B	13M	721	721	sleeping	*0[3]	0.00000	0.00000	501
88	logd	0.2	00:07.87	5	4	1547	10M+	0B	4296K	88	1	sleeping	*0[1]	0.00000	0.00000	0
731	Brave Browse	0.2	00:57.03	11	1	201	131M	75M	19M	721	721	sleeping	*1[8]	0.00000	0.00000	501
103	powerd	0.1	00:02.31	4	3	152	1972K	0B	12K	103	1	sleeping	*0[1]	0.00000	0.08210	0
577	netbiosd	0.1	00:00.97	6	5	32	1196K	0B	440K	577	1	sleeping	*0[1]	0.00000	0.00000	222
268	symptonsd	0.1	00:03.67	2	1	98	3196K	128K	680K	268	1	sleeping	0[54]	0.00000	0.00000	24
287	audioclocks	0.1	00:02.39	3	2	47	3988K	0B	0B	287	1	sleeping	*0[1]	0.00000	0.00000	0
618	Discord	0.1	00:07.39	43	1	645	65M+	0B	35M	618	1	sleeping	*0[44]	0.00000	0.00000	501
94	fsevents	0.0	00:03.61	10	1	146	1952K	0B	24K	94	1	sleeping	*0[1]	0.00000	0.00000	0
603	Sensei Monit	0.0	00:16.88	4	2	194	19M-	4096B+	6316K	603	1	sleeping	*0[1]	0.00509	0.00000	501
625	WallpaperVid	0.0	00:00.98	5	2	103+	5176K+	0B	4448K	625	1	sleeping	*0[1]	0.00000	0.00000	501
180	runningboard	0.0	00:05.24	4	3	473-	3172K-	0B	156K	180	1	sleeping	*6[1]	0.00000	0.00000	0
666	Discord Help	0.0	00:01.93	14	1	93	11M	0B	7560K	618	618	sleeping	*0[2]	0.00000	0.00000	501
611	Finder	0.0	00:03.78	4	2	375	26M	20K	14M	611	1	sleeping	*0[73]	0.00000	0.00000	501
118	mds	0.0	00:13.76	8	5	284	13M	0B	552K	118	1	sleeping	*0[1]	0.00815	0.00000	0
1168	Brave Browse	0.0	00:00.48	13	1	338	17M	0B	12M	721	721	sleeping	*0[26]	0.00000	0.00000	501
350	TouchBarServ	0.0	00:13.63	5	2	252	15M	5888K	868K	350	1	sleeping	*0[1]	0.00000	0.00737	0
473	nsurlsession	0.0	00:00.94	6	3	114+	3572K+	128K	1248K	473	1	sleeping	0[6]	0.00000	0.00000	501
450	trustd	0.0	00:04.34	3	2	182	4244K	944K	372K	450	1	sleeping	0[278]	0.00000	0.00000	501
490	fileprovider	0.0	00:13.88	3	2	123	7256K	1700K	2516K	490	1	sleeping	*6[5]	0.00000	0.00000	501
467	nearbyd	0.0	00:00.50	4	2	81	2128K	0B	1380K	467	1	sleeping	0[78]	0.00000	0.00877	268
1167	Brave Browse	0.0	00:00.26	11	1	191	16M	0B	14M	721	721	sleeping	*0[5]	0.00000	0.00000	501
216	nsurlsession	0.0	00:00.41	3	2	77	2596K	0B	560K	216	1	sleeping	0[118]	0.00000	0.00000	242
307	mds_stores	0.0	00:12.77	6	4	104	16M	0B	1064K	307	1	sleeping	*0[1]	0.00000	0.00815	0
286	findmydevice	0.0	00:00.25	4	2	114	3268K	0B	804K	286	1	sleeping	0[8]	0.00000	0.00000	0
224	contextstore	0.0	00:01.29	3	2	141	3004K	0B	240K	224	1	sleeping	0[482]	0.00000	0.00000	0

Window

วิธีตรวจสอบว่ามี Process อะไรทำงานบ้างใน Linux
วิธีตรวจสอบมีหลายวิธีคือ

- Ctrl+Alt+Del และเลือก Task Manager
- ค้นหา Task Manager
- Command Prompt ใช้คำสั่ง "tasklist"
- Power Shell ใช้คำสั่ง "get-process"

tasklist

Image Name	PID	Session Name	Session#	Mem Usage
=====	=====	=====	=====	=====
System Idle Process	0	Services	0	8 K
System	4	Services	0	2,356 K
Registry	156	Services	0	66,084 K
smss.exe	668	Services	0	1,340 K
csrss.exe	984	Services	0	6,960 K
wininit.exe	1012	Services	0	7,600 K
services.exe	1068	Services	0	17,600 K
lsass.exe	1088	Services	0	36,032 K
svchost.exe	1212	Services	0	37,780 K
fontdrvhost.exe	1240	Services	0	4,524 K
svchost.exe	1312	Services	0	20,688 K
WUDFHost.exe	1356	Services	0	20,732 K
svchost.exe	1368	Services	0	9,848 K
svchost.exe	1716	Services	0	10,948 K
svchost.exe	1724	Services	0	10,928 K
svchost.exe	1732	Services	0	10,076 K
svchost.exe	1784	Services	0	18,220 K
WUDFHost.exe	1872	Services	0	6,332 K
IntelCpHDCPSvc.exe	1908	Services	0	7,644 K
svchost.exe	1920	Services	0	9,440 K
svchost.exe	1928	Services	0	10,956 K
svchost.exe	2016	Services	0	5,848 K
svchost.exe	2024	Services	0	8,328 K
svchost.exe	1364	Services	0	10,460 K
svchost.exe	2104	Services	0	20,400 K

get-process

PS C:\Users\Lenovo> get-process

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
-----	-----	-----	-----	-----	--	--	-----
148	10	2356	10120		7664	0	AggregatorHost
408	42	108712	117836	92.84	8968	0	audiodg
226	13	2080	12256		17488	0	BrYNSvc
191	10	6352	8840	0.00	2600	5	chrome
341	26	22824	41720	0.75	3232	5	chrome
261	20	27168	40220	0.03	3600	5	chrome
283	19	25304	49788	0.09	6668	5	chrome
195	14	16024	19472	0.03	8436	5	chrome
390	26	87928	142372	3.42	13064	5	chrome
224	15	17684	24056	0.06	14744	5	chrome
1530	55	64188	186656	3.61	14840	5	chrome
240	18	20868	30276	0.02	15216	5	chrome
639	27	142968	169088	2.61	16044	5	chrome
358	24	88312	132876	3.09	19820	5	chrome
116	8	5360	11484	0.02	6684	5	conhost
159	10	5708	13216		7284	0	conhost
150	9	1444	9152	0.00	13132	5	conhost
92	7	5208	10760		16632	0	conhost
750	29	2344	6936		984	0	csrss
731	26	2776	7480		15008	5	csrss
492	21	7324	27436	1.03	16504	5	ctfmon
163	7	1564	6460		5164	0	dasHost
341	15	7444	17500		4540	0	DAX3API
198	9	2148	10956		12268	5	DAX3API
999	56	69504	113856	2.95	7124	5	Discord
286	19	17588	73856	0.14	10628	5	Discord
696	37	103916	127156	4.70	11540	5	Discord
1069	123	245988	275192	16.92	11580	5	Discord
218	15	16848	29016	0.00	15432	5	Discord
324	24	20740	45820	0.75	20952	5	Discord
420	60	15288	26912	0.38	14060	5	dllhost
212	11	2996	14248	0.11	15256	5	dllhost
1464	74	312148	336680		18892	5	dwm
137	8	1944	7252		4732	0	esif_uf
3340	102	101276	210828	10.75	10880	5	explorer
457	10	2684	9112		4632	0	FMService64