
Subject: Re: Some observations from ploop testing
Posted by [jjs - mainphrame](#) on Sat, 24 Mar 2012 19:57:35 GMT
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I'm running slabtop every 30 seconds during a dbench run and the thing that is growing the fastest and taking the lion's share is biovec-256 - you can see it growing at 30 second intervals.

OBJS	ACTIVE	USE	OBJ SIZE	SLABS	OBJ/SLAB	CACHE SIZE	NAME
88	58	65%	3.00K	44	2	352K	biovec-2
134	96	71%	3.00K	67	2	536K	biovec-2
152	100	65%	3.00K	76	2	608K	biovec-2
112	74	66%	3.00K	56	2	448K	biovec-2
140	94	67%	3.00K	70	2	560K	biovec-2
74	56	75%	3.00K	37	2	296K	biovec-2
144	102	70%	3.00K	72	2	576K	biovec-2
114	82	71%	3.00K	57	2	456K	biovec-2
154	116	75%	3.00K	77	2	616K	biovec-2
80	60	75%	3.00K	40	2	320K	biovec-2
164	122	74%	3.00K	82	2	656K	biovec-2
152	114	75%	3.00K	76	2	608K	biovec-2
70	46	65%	3.00K	35	2	280K	biovec-2
1004	1004	100%	3.00K	502	2	4016K	biovec-2
1952	1952	100%	3.00K	976	2	7808K	biovec-2
2946	2946	100%	3.00K	1473	2	11784K	biovec-2
3876	3876	100%	3.00K	1938	2	15504K	biovec-2
4858	4858	100%	3.00K	2429	2	19432K	biovec-2
5844	5844	100%	3.00K	2922	2	23376K	biovec-2
6782	6782	100%	3.00K	3391	2	27128K	biovec-2
7766	7766	100%	3.00K	3883	2	31064K	biovec-2
8774	8774	100%	3.00K	4387	2	35096K	biovec-2
9774	9774	100%	3.00K	4887	2	39096K	biovec-2
10750	10750	100%	3.00K	5375	2	43000K	biovec-2
11696	11696	100%	3.00K	5848	2	46784K	biovec-2
12700	12700	100%	3.00K	6350	2	50800K	biovec-2
13676	13676	100%	3.00K	6838	2	54704K	biovec-2
14644	14644	100%	3.00K	7322	2	58576K	biovec-2
15620	15620	100%	3.00K	7810	2	62480K	biovec-2
16568	16568	100%	3.00K	8284	2	66272K	biovec-2
17582	17582	100%	3.00K	8791	2	70328K	biovec-2
18562	18562	100%	3.00K	9281	2	74248K	biovec-2
19558	19558	100%	3.00K	9779	2	78232K	biovec-2
20500	20500	100%	3.00K	10250	2	82000K	biovec-2
21424	21424	100%	3.00K	10712	2	85696K	biovec-2
22414	22414	100%	3.00K	11207	2	89656K	biovec-2
23404	23404	100%	3.00K	11702	2	93616K	biovec-2
25252	25252	100%	3.00K	12626	2	101008K	biovec-2
27192	27192	100%	3.00K	13596	2	108768K	biovec-2

29172	29172	100%	3.00K	14586	2	116688K	biovec-2
31112	31112	100%	3.00K	15556	2	124448K	biovec-2
33006	33006	100%	3.00K	16503	2	132024K	biovec-2
34998	34926	99%	3.00K	17499	2	139992K	biovec-2
36820	36820	100%	3.00K	18410	2	147280K	biovec-2
38750	38750	100%	3.00K	19375	2	155000K	biovec-2
40480	40480	100%	3.00K	20240	2	161920K	biovec-2
42362	42362	100%	3.00K	21181	2	169448K	biovec-2
44264	44264	100%	3.00K	22132	2	177056K	biovec-2
46182	46182	100%	3.00K	23091	2	184728K	biovec-2
48058	48058	100%	3.00K	24029	2	192232K	biovec-2
49982	49974	99%	3.00K	24991	2	199928K	biovec-2
51894	51894	100%	3.00K	25947	2	207576K	biovec-2
53828	53808	99%	3.00K	26914	2	215312K	biovec-2
55596	55596	100%	3.00K	27798	2	222384K	biovec-2
57484	57484	100%	3.00K	28742	2	229936K	biovec-2
59352	59352	100%	3.00K	29676	2	237408K	biovec-2
61304	61286	99%	3.00K	30652	2	245216K	biovec-2

Joe

On Sat, Mar 24, 2012 at 11:40 AM, Kirill Korotaev <dev@parallels.com> wrote:

> Can you please report slabtop output? We've just fixed obe memory leak.
> Thanks!
>
> Sent from my iPhonespam SPAMSPAM
>
> On 24.03.2012, at 21:57, "jjs - mainphrame" <jjs@mainphrame.com> wrote:
>
> > I've been creating simfs and ploop based containers and exercising them
> in different ways. While the ploop-based containers are basically working,
> in my testing a ploop-based CT seems to require more resources than an
> equivalent simfs-based CT. On my modest 32 bit test rig with 1 GB RAM, I've
> been running dbench on simfs based CTs and looking at performance with new
> kernel versions. But when running dbench tests on a ploop based CT with the
> same resources, it has not been able to finish because the machine runs out
> of resources, performance slows to a crawl and even host processes are
> killed off.
> >
> > I'll try to get some more memory for this machine for further testing.
> >
> > Regards,
> >
> > Joe
> > <ATT00001.c>
>
