

PFLOCK Report

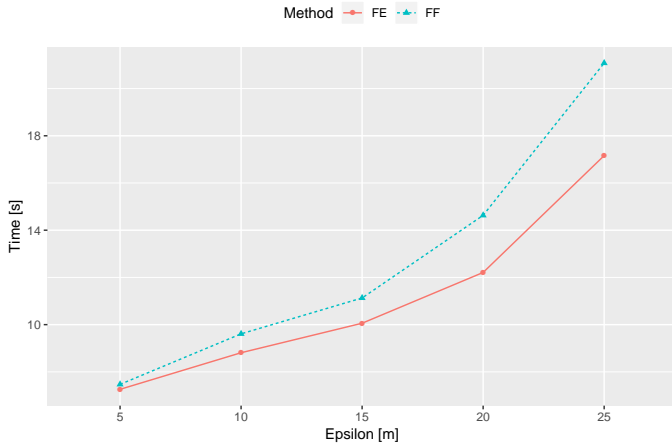
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New experiments...

LA 25K Dataset



Longest tasks in Time-by-time...

timestamp	executor	duration	recordsRead	bytesRead	recordsWritten	bytesWritten	shuffleRead	shuffleWritten	taskId	index	stageId	jobId	phase	phaseTime	timeInstant	appId
2020-01-17 09:55:50.789	10.10.1.4:3	7.015	13	8216	0	0	0	0	252451	15	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.788	10.10.1.4:3	7.012	15	10328	0	0	0	0	252461	15	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.788	10.10.1.4:3	7.01	9	5608	0	0	0	0	252471	25	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.784	10.10.1.4:3	7.006	7	4752	0	0	0	0	252481	35	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.777	10.10.1.7:0	7.0	9	6584	0	0	0	0	252467	13	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.776	10.10.1.7:0	7.0	14	9888	0	0	0	0	252457	15	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.774	10.10.1.9:0	6.999	5	3384	0	0	0	0	252468	9	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.777	10.10.1.7:0	6.999	12	7680	0	0	0	0	252477	23	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.777	10.10.1.7:0	6.998	9	6176	0	0	0	0	252487	33	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.771	10.10.1.5:7	6.996	9	6432	0	0	0	0	252458	7	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.775	10.10.1.9:9	6.996	10	7112	0	0	0	0	252488	29	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.771	10.10.1.8:6	6.996	8	4880	0	0	0	0	252455	8	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.774	10.10.1.9:9	6.996	7	5600	0	0	0	0	252478	19	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.772	10.10.1.5:7	6.995	11	7984	0	0	0	0	252468	17	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.772	10.10.1.5:7	6.994	12	8296	0	0	0	0	252478	27	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.769	10.10.1.6:4	6.993	12	8176	0	0	0	0	252462	14	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.773	10.10.1.9:9	6.993	9	5816	0	0	0	0	252498	39	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.778	10.10.1.6:4	6.993	13	8960	0	0	0	0	252472	24	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.769	10.10.1.1:2	6.992	12	7448	0	0	0	0	252469	11	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.771	10.10.1.5:7	6.992	12	7952	0	0	0	0	252488	37	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.767	10.10.1.8:6	6.991	11	8120	0	0	0	0	252465	18	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.770	10.10.1.8:6	6.991	12	8328	0	0	0	0	252485	38	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.767	10.10.1.10:5	6.991	13	8672	0	0	0	0	252463	16	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.765	10.10.1.1:2	6.99	15	10368	0	0	0	0	252459	1	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.770	10.10.1.6:4	6.99	10	6272	0	0	0	0	252482	34	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.764	10.10.1.6:4	6.99	11	6848	0	0	0	0	252452	4	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.768	10.10.1.8:6	6.99	11	7304	0	0	0	0	252475	28	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.768	10.10.1.10:5	6.99	8	6216	0	0	0	0	252473	26	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.769	10.10.1.1:2	6.988	14	9488	0	0	0	0	252469	31	473235	0	4. Flocks updated	10.68	49	0252
2020-01-17 09:55:50.766	10.10.1.2:8	6.988	9	6256	0	0	0	0	252466	12	473235	0	4. Flocks updated	10.68	49	0252

Figure: Top 30 longest tasks

Longest tasks in Time-window...

timestamp	executor	duration	recordsRead	bytesRead	recordsWritten	bytesWritten	shuffleRead	shuffleWritten	taskId	index	stageId	jobId	phase	phaseTime	timeInstant	appId
2020-01-17 12:09:51,570	10.10.1.10:5	4.675	4465	12537872	0	0	0	0	1316194	48	13296	0	1.Getting maximal disks	19.11	46	[0261]
2020-01-17 12:03:53,765	10.10.1.7:8	5.14	2969	1641880	0	0	0	0	199668	44	8315	0	1.Getting maximal disks	16.67	29	[0261]
2020-01-17 12:02:52,003	10.10.1.4:3	5.064	2862	1587632	0	0	0	0	179183	47	7436	0	1.Getting maximal disks	15.69	26	[0261]
2020-01-17 12:09:50,381	10.10.1.10:5	5.028	3690	2071712	0	0	0	0	316190	44	13296	0	1.Getting maximal disks	19.11	46	[0261]
2020-01-17 12:10:36,093	10.10.1.4:3	4.93	3562	2003208	0	0	0	0	329777	50	13882	0	1.Getting maximal disks	16.92	48	[0261]
2020-01-17 12:10:14,089	10.10.1.6:4	4.869	3077	2075112	0	0	0	0	322952	47	13589	0	1.Getting maximal disks	17.44	47	[0261]
2020-01-17 12:11:22,697	10.10.1.10:5	4.688	4296	2396616	0	0	0	0	343436	48	14468	0	1.Getting maximal disks	17.92	58	[0261]
2020-01-17 12:11:21,993	10.10.1.10:5	4.669	3717	2156968	0	0	0	0	343435	47	14468	0	1.Getting maximal disks	17.92	58	[0261]
2020-01-17 12:03:32,811	10.10.1.9:9	4.652	2854	1577992	0	0	0	0	1927905	44	8022	0	1.Getting maximal disks	15.92	28	[0261]
2020-01-17 12:10:35,756	10.10.1.4:3	4.572	3922	2216120	0	0	0	0	329778	51	13882	0	1.Getting maximal disks	16.92	48	[0261]
2020-01-17 12:03:12,499	10.10.1.7:8	4.428	2813	1601864	0	0	0	0	186868	41	7729	0	1.Getting maximal disks	16.15	27	[0261]
2020-01-17 12:10:58,096	10.10.1.5:7	4.42	4265	2388672	0	0	0	0	336610	39	14175	0	1.Getting maximal disks	17.52	49	[0261]
2020-01-17 12:02:31,382	10.10.1.2:1	4.308	2037	1606964	0	0	0	0	172207	50	7143	0	1.Getting maximal disks	14.75	25	[0261]
2020-01-17 12:01:16,166	10.10.1.1:2	4.312	2665	1469992	0	0	0	0	144048	41	5971	0	1.Getting maximal disks	15.3	21	[0261]
2020-01-17 12:10:58,651	10.10.1.5:7	4.289	3647	2053936	0	0	0	0	336609	38	14175	0	1.Getting maximal disks	17.52	49	[0261]
2020-01-17 12:04:15,347	10.10.1.10:5	3.968	2868	1588424	0	0	0	0	206510	41	8608	0	1.Getting maximal disks	15.77	38	[0261]
2020-01-17 12:09:06,163	10.10.1.4:3	3.877	3840	2107968	0	0	0	0	302444	45	12710	0	1.Getting maximal disks	15.83	44	[0261]
2020-01-17 12:04:35,954	10.10.1.6:4	3.872	2978	1628744	0	0	0	0	213335	35	8901	0	1.Getting maximal disks	16.05	31	[0261]
2020-01-17 12:06:55,708	10.10.1.6:4	3.83	2522	1421640	0	0	0	0	137974	41	5678	0	1.Getting maximal disks	15.11	28	[0261]
2020-01-17 12:09:49,131	10.10.1.10:5	3.76	5448	1928064	0	0	0	0	316191	45	13296	0	1.Getting maximal disks	19.11	46	[0261]
2020-01-17 12:07:40,113	10.10.1.8:6	3.662	3968	2133488	0	0	0	0	274867	33	11538	0	1.Getting maximal disks	17.28	48	[0261]
2020-01-17 12:09:27,562	10.10.1.9:9	3.645	4082	2276672	0	0	0	0	309411	48	13903	0	1.Getting maximal disks	16.04	45	[0261]
2020-01-17 12:01:35,481	10.10.1.7:8	3.636	2694	1462008	0	0	0	0	151687	38	6264	0	1.Getting maximal disks	14.72	22	[0261]
2020-01-17 12:10:12,891	10.10.1.6:4	3.613	3635	2005056	0	0	0	0	322953	48	13589	0	1.Getting maximal disks	17.44	47	[0261]
2020-01-17 12:06:35,377	10.10.1.8:6	3.553	3375	1872168	0	0	0	0	254283	50	10659	0	1.Getting maximal disks	16.08	37	[0261]
2020-01-17 12:08:23,550	10.10.1.10:5	3.55	3074	2123664	0	0	0	0	280294	51	12124	0	1.Getting maximal disks	17.62	42	[0261]
2020-01-17 12:08:45,130	10.10.1.5:7	3.422	3702	2068936	0	0	0	0	295330	45	12417	0	1.Getting maximal disks	16.01	43	[0261]
2020-01-17 12:08:01,162	10.10.1.2:8	3.353	3011	2185690	0	0	0	0	281531	51	11831	0	1.Getting maximal disks	16.33	41	[0261]
2020-01-17 12:07:39,244	10.10.1.8:6	3.34	3524	1991544	0	0	0	0	274863	29	11538	0	1.Getting maximal disks	17.28	48	[0261]
2020-01-17 12:06:14,594	10.10.1.8:6	3.301	3288	1832672	0	0	0	0	247451	47	10366	0	1.Getting maximal disks	15.36	36	[0261]

Figure: Top 30 longest tasks

What is next...

- ▶ Currently running an experiment varying the number of partitions in the finer and coarse grids in order to find which are the optimal values...
- ▶ Measure scale up performance in both alternatives...