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Andre —

Here is the information on segment usage during segment fault processing which you requested. It is for the new partially bound "version 5" system. Interrupts are <u>not</u> factored out.

Charlie

C.T. Clingen
6/7/68

Segment Usage during Segment Fault Processing -- TEST 16 (V5 bound)
(Nested Page Faults Excluded)

	Seg No	Usage (8)	Total Usage (milliseconds)	Mean Time/Seg fault (ms/s.f.)	Segment Name	
	10	31	250	.060	fim	2
	11	32	260	.062	fim.link	2
	15	1	10	.002	ii.link	
	27	4	40	.009	system_meter	2
	30	6	60	.014	system_meter.link	
	41	60	480	.115	base	
2	42	10757	45910	11.025	bound_lib_1_wired	(1)
	43	25	210	.050	cam_	
4	44	2741	15050	3.614	core_man	
9	50	1154	6200	1.488	ilock	
	51	251	1690	.406	loaded_sup_linkage	
	54	535	3490	.838	master_mode_ut	
	56	4	40	.009	seg_fault	
6	61	1540	8640	2.076	switch_stack	
7	62	1202	6420	1.542	wired_sup_linkage	
	64	136	940	.226	zero	
	65	243	1630	.392	alloc_sst	
1	66	11432	48900	11.742	bound_fs_2_wired	(2)
8	70	560	3680	1.533	maketrailer	
	71	441	2890	.894	pwn	
	72	354	2360	.566	pxss (block, wakeup)	
	75	33	270	.065	updates	
	101	1	10	.002	apt_hash	
	114	2	20	.005	dstm	
	115	1	10	.002	dstprm	
	135	6	60	.014	gioc_stat	(3)
	153	1	10	.002	pX	
	154	1	10	.002	pXU	
	166	6	60	.014	activinfo	
	201	440	2880	.692	cmp_acc	
	220	600	3840	.922	getastentry	
	224	171	1210	.290	hash_index	

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	Seg No	Usage (%)	Total Usage (milliseconds)	Mean Time/Seg Fault (ms/s.f.)	Segment Name
	251	210	1360	.326	removal_list_util
3	254	3237	16950	4.071	seg fault
	265	1	10	.002	start_sqt_meter
5	270	2233	11790	2.831	sum
				45.903 ms/s.f.	

Total no. of Seg Faults = 4164

(1) bound_lib_1_wired contains:

lib_	bin_oct	get_processor_no	size
alloc_	bsfx	hbound_	stgop_
allocate_	catstr_	lbound_	strcmp_
andstr_	checksum	lg	substr_
area_	clock_	movstr_	tdope_
areamk_	freen_	ptr	unique_bits

(2) bound_fs_2_wired contains:

allocate_sstvar	pc
device_control	set faults
dimf	setmove
free_store	threadtrailer
page	

(3) due to interrupt processing during a segment fault