

Saltzer

DATE: 11/09/68 1804.1 EST Sat
RUN DURATION: 01:03.728000

CASE: 0

*****SUMMARY OF RESULTS*****

FAULT METERING—

TIME SUMMARY:

FOR OF
INTR: Y
PAGE: Y
SEG.: Y
LINK: Y
WALL: Y

BEGIN: 18:02:19.705235

FINAL: 18:03:29.113895

Metered results of
10 "nothing" commands;
fault processing
excluded.

AVG. FAULT TIMES:

OUT OF RANGE: 0

PAGE: 00:00.028512 LINK: 00:00.000000
SEG.: 00:00.050712 WALL: 00:00.003599 MAX STACK SIZE: 4
INTR: 00:00.001920

TOTAL NUMBER OF FAULTS

PAGE: 22 LINK: 0 INTR: 66
SEG.: 14 WALL: 500

FAULT PROCESSING DURATIONS

TIME IN METERED PROCESSES: 00:08.890000

PAGE: 00:00.627266 % = 7.05
SEG.: 00:00.709976 % = 7.98
LINK: 00:00.000000 % = .00
WALL: 00:01.799668 % = 20.24
INTR: 00:00.126748 % = 1.42

2
2.6
2.0
EABY *IC
AOS *+2, IT
TRA *#

600 us / command
10ms in linkage
in ring 1

~ 7 per call
over 10 per call
⇒ 1000 calls!

*****FAULT TABLE*****

FAULT TYPE	TIME GROUP	COUNT NUM	%	TOTAL TIME MS.	%	MEAN MS.
Intr	256-512us.	1	1.51	0	.31	.39
Intr	1-2ms.	45	68.18	70	55.32	1.55
Intr	2-4ms.	20	30.30	56	44.35	2.81
Page	8-16ms.	5	22.72	58	9.36	11.74
Page	16-32ms.	10	45.45	240	38.30	24.02
Page	32-65ms.	7	31.81	328	52.33	46.89
Seg.	16-32ms.	4	28.57	105	14.89	26.42
Seg.	32-65ms.	8	57.14	403	56.79	50.40
Seg.	65-131ms.	2	14.28	201	28.31	100.50
Wall	.5-1ms.	249	49.79	203	11.30	.81
Wall	4-8ms.	250	49.99	1585	88.09	6.34
Wall	8-16ms.	1	.19	10	.60	10.84

9.4 ms / com

Very long "short" one

 USAGE METERING—
 DURING PER SEG. FAULTS

NONE: Y
 PAGE: N PAGE: N
 SEG.: N THIS *process* SEG.: N
 LINK: N LINK: N
 WALL: N WALL: N

*****SEGMENT USAGE TABLE*****

26 (50) MOST USED SEGMENTS 1 ms. each

SEGMENT CALL NAME	SEG. NUM.	USAGE CNT.	%	PAGE FLTS CNT.	%	SEG. FLTS CNT.	%
→ dec_bin <i>base, lib, ...</i>	0041	2012	33.56	0	.00	0	.00
<name not known> <i>GIM</i>	0040	911	15.19	0	.00	0	.00
<name not known> <i>FM</i>	0010	839	13.99	0	.00	0	.00
<name not known> <i>base, lib, ...</i>	0112	582	9.70	0	.00	0	.00
→ shell_char	0224	325	5.42	0	.00	0	.00
<name not known> <i>FM, LINK</i>	0011	307	5.12	0	.00	0	.00
typewriter	0205	303	5.05	0	.00	0	.00
<name not known> <i>base, lib, ...</i>	0066	128	2.13	0	.00	0	.00
write_cs	0174	107	1.78	0	.00	0	.00
!BBDHqpfbwlpfcm <i>ring, ...</i>	0171	<u>94</u>	1.56	6	27.27	2	14.28
bin_dec	0105	93	1.55	0	.00	0	.00
<name not known> <i>base, lib, ...</i>	0065	56	.93	0	.00	0	.00
hcs_link	0124	50	.83	0	.00	0	.00
<name not known> <i>base, lib, ...</i>	0113	36	.60	0	.00	0	.00
<name not known> <i>base, lib, ...</i>	0054	36	.60	0	.00	0	.00
reversion	0175	26	.43	0	.00	1	7.14
<name not known> <i>process</i>	0075	21	.35	0	.00	0	.00
hcs_	0123	20	.33	0	.00	0	.00
<name not known> <i>base, lib, ...</i>	0037	16	.26	0	.00	0	.00
system_meter.link	0027	16	.26	0	.00	0	.00
<name not known> <i>base, lib, ...</i>	0015	7	.11	0	.00	0	.00
system_meter	0026	5	.08	0	.00	0	.00
<name not known> <i>base, lib, ...</i>	0057	2	.03	0	.00	0	.00
datmk_	0207	1	.01	0	.00	0	.00
<name not known> <i>base, lib, ...</i>	0071	1	.01	0	.00	0	.00
<name not known> <i>base, lib, ...</i>	0036	1	.01	0	.00	0	.00

NUM. OF PAGE FAULTS FOR OUT OF RANGE SEGMENTS: 7

NUM. OF SEG. FAULTS FOR OUT OF RANGE SEGMENTS: 2