hardware ()

ENTRY
[100%]

FREQ:3142
<bb 2>:
tm_command = "uname -s -r";
pipe_22 = popen (&os_command, "r");
if (pipe_22 == 0B)
goto <bb 3>; [30.00%]
else
goto <bb 4>; [70.00%]

[70%]

FREQ:2199
<bb 4>:
_23 = __fgets_alias (&os, 1024, pipe_22);
if (_23 == 0B)
goto <bb 5>; [30.00%]
else
goto <bb 6>; [70.00%]

[30%]

FREQ:660
<bb 5>:
MEM[(char *)&os] = 0;

[70%]

[100%]

[100%]

FREQ:2199
<bb 6>:
pclose (pipe_22);
_27 = MEM[(const char *)&os];
if (_27 == 0)
goto <bb 7>; [52.35%]
else
goto <bb 9>; [47.65%]

[52%]

FREQ:1151
<bb 7>:
_28 = strlen (&os);
_29 = _28 + 18446744073709551613;
_30 = &os + _29;
_31 = *_30;
if (_31 == 10)
goto <bb 8>; [37.68%]
else
goto <bb 9>; [62.32%]

[47%]

[37%]

FREQ:434
<bb 8>:
*_30 = 0;

[62%]

FREQ:943
<bb 3>:
MEM[(char *)&os] = 0;
goto <bb 9>; [100.00%]

[100%]

[100%]

FREQ:3142
<bb 9>:
_1 = strstr (&os, "Linux");
if (_1 != 0B)
goto <bb 10>; [49.47%]
else
goto <bb 73>; [50.53%]

[49%]

FREQ:1554
<bb 10>:
MEM[(char *)&cache] = 0;
MEM[(char *)&model] = 0;
cpu_MHz[0] = 0;
model_name[0] = 0;
vendor_id[0] = 0;
info_32 = fopen ("/proc/cpuinfo", "r");
if (info_32 != 0B)
goto <bb 82>; [73.26%]
else
goto <bb 72>; [26.74%]

[73%]

FREQ:1138
<bb 82>:
goto <bb 54>; [100.00%]

[100%]

loop 1

FREQ:1091
<bb 54>:
# cpus_36 = PHI <cpus_103(53), 0(82)>
_71 = __fgets_alias (&buffer, 1024, info_32);
if (_71 != 0B)
goto <bb 11>; [85.00%]
else
goto <bb 55>; [15.00%]

[15%]

[85%]

FREQ:1139
<bb 55>:
if (cpus_36 > 1)
goto <bb 56>; [64.00%]
else
goto <bb 59>; [36.00%]

[64%]

FREQ:729
<bb 56>:
if (cpus_36 == 2)
goto <bb 57>; [54.00%]
else
goto <bb 58>; [46.00%]

[36%]

[54%]

[46%]

FREQ:481
<bb 58>:
__builtin___sprintf_chk (&model, 1, 1024, "Sid CPU", cpus_36);

FREQ:248
<bb 57>:
__builtin_memcpy (&model, "Dual", 5);
goto <bb 59>; [100.00%]

[100%]

[100%]

FREQ:1138
<bb 59>:
_79 = strlen (&model);
cp_80 = &model + _79;
_81 = vendor_id[0];
if (_81 != 0)
goto <bb 60>; [50.00%]
else
goto <bb 63>; [50.00%]

[50%]

FREQ:569
<bb 60>:
if (&model != cp_80)
goto <bb 61>; [70.00%]
else
goto <bb 62>; [30.00%]

[70%]

[30%]

FREQ:399
<bb 61>:
cp_82 = cp_80 + 1;
*cp_80 = 32;

[100%]

FREQ:569
<bb 62>:
cp_83 = PHI <&model(60), cp_82(61)>
__builtin_strcpy (cp_83, &vendor_id);
_85 = strlen (&vendor_id);
cp_86 = cp_83 + _85;

[100%]

[50%]

[50%]

[30%]

[100%]

FREQ:1139
<bb 63>:
# cp_88 = PHI <cp_80(59), cp_86(62)>
_87 = model_name[0];
if (_87 != 0)
goto <bb 64>; [50.00%]
else
goto <bb 67>; [50.00%]

[50%]

FREQ:569
<bb 64>:
if (&model != cp_88)
goto <bb 65>; [70.00%]
else
goto <bb 66>; [30.00%]

[70%]

[30%]

FREQ:399
<bb 65>:
cp_89 = cp_88 + 1;
*cp_88 = 32;

[100%]

FREQ:569
<bb 66>:
cp_90 = PHI <&model(64), cp_89(65)>
__builtin_strcpy (cp_90, &model_name);
_92 = strlen (&model_name);
cp_93 = cp_90 + _92;

[100%]

FREQ:1139
<bb 67>:
# cp_95 = PHI <cp_88(63), cp_93(66)>
_94 = cpu_MHz[0];
if (_94 != 0)
goto <bb 68>; [50.00%]
else
goto <bb 71>; [50.00%]

[50%]

FREQ:569
<bb 68>:
if (&model != cp_95)
goto <bb 69>; [70.00%]
else
goto <bb 70>; [30.00%]

[70%]

[30%]

FREQ:399
<bb 69>:
cp_96 = cp_95 + 1;
*cp_95 = 32;

[100%]

FREQ:569
<bb 70>:
# cp_101 = PHI <&model(68), cp_96(69)>
_97 = strtod (&cpu_MHz, 0B);
_98 = (float) _97;
_99 = _98 * 1.0e-3;
_100 = (int) _99;
__builtin__sprintf_chk (&cpu_MHz, 1, 1024, "%dMHz", _100);
__builtin_strcpy (cp_101, &cpu_MHz);

[100%]

FREQ:1139
<bb 71>:
fclose (info_32);

[100%]

FREQ:3142
<bb 72>:
model[0] = 0;
cache[0] = 0;

FREQ:3554
<bb 72>:
buffer = {v} {CLOBBER};
vendor_id = {v} {CLOBBER};
model_name = {v} {CLOBBER};
cpu_MHz = {v} {CLOBBER};
goto <bb 74>; [100.00%]

[100%]

[100%]

[100%]

FREQ:3142
<bb 74>:
__builtin___sprintf_chk (&buffer, 1, 1024, "CPU : %s\n", &model);
printf_chk (1, "%s", &buffer);
if (write_to_file_9(0) != 0)
goto <bb 75>; [36.64%]
else
goto <bb 77>; [63.36%]

[36%]

[63%]

FREQ:1151
<bb 75>:
__builtin_fputs (&buffer, global_stdio_1910);
__builtin___sprintf_chk (&buffer, 1, 1024, "L2 Cache : %s\n", &cache);
printf_chk (1, "%s", &buffer);
__builtin_fputs (&buffer, global_stdio_1910);
__builtin___sprintf_chk (&buffer, 1, 1024, "OS : %s\n", &os);
printf_chk (1, "%s", &buffer);
__builtin_fputs (&buffer, global_stdio_1910);

FREQ:1991
<bb 77>:
__builtin___sprintf_chk (&buffer, 1, 1024, "L2 Cache : %s\n", &cache);
printf_chk (1, "%s", &buffer);
__builtin___sprintf_chk (&buffer, 1, 1024, "OS : %s\n", &os);
printf_chk (1, "%s", &buffer);
goto <bb 76>; [100.00%]

[100%]

[100%]

[100%]

FREQ:3142
<bb 76>:
buffer = {v} {CLOBBER};
os = {v} {CLOBBER};
model = {v} {CLOBBER};
cache = {v} {CLOBBER};
os_command = {v} {CLOBBER};
return;

[100%]

EXIT

FREQ:1126
<bb 53>:
cpus_103 = PHI <cpus_36(20), cpus_37(12), cpus_36(22), cpus_36(30), cpus_36(32), cpus_36(40), cpus_36(42), cpus_36(43), cpus_36(50), cpus_36(52), cpus_36(21), cpus_36(31), cpus_36(41), cpus_36(51)>

[100%]