
Subject: Re: Process start time incorrect inside VE
Posted by [maratrus](#) on Fri, 29 Feb 2008 17:22:39 GMT
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Seems it uses /proc/stat to calculate boot time.
From ps src:

./ps/display.c

```
-----  
int main(int argc, char *argv[]){  
...  
reset_global();  
...  
}
```

./ps/global.c

```
-----  
void reset_global(void){  
...  
/* get boot time from /proc/stat */  
fd = open("/proc/stat", O_RDONLY, 0);  
if (fd != -1) {  
    buf[BUFFSIZE-1] = 0;  
    read(fd, buf, BUFFSIZE-1);  
    b = strstr(buf, "btime ");  
    if (b) {  
        sscanf(b, "btime %lu", &time_of_boot);  
        seconds_since_boot = time(0) - time_of_boot;  
    }  
    close(fd);  
}  
...  
}
```

./ps/output.c

```
-----  
static int pr_stime(char *restrict const outbuf, const proc_t *restrict const pp){  
...  
t = time_of_boot + pp->start_time / Hertz;  
...  
}
```