
Subject: Re: LoadFile("/sys/devices/virtual/thermal/ ...") does not work

Posted by [mirek](#) on Wed, 13 Apr 2022 15:39:58 GMT

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Tom1 wrote on Wed, 13 April 2022 14:44Hi,

This does work on both Raspberry Pi OS (on RPi4) and Linux Mint (on x86_64):

```
#include <Core/Core.h>
```

```
using namespace Upp;
```

```
String LoadFileRaw(const char *filename){
    int fd = open(filename,O_RDONLY);
    if(fd!=-1){
        char buf[4096];
        StringBuffer s;
        int len;
        while((len=read(fd,buf,4096))==4096) s.Cat(buf,len);
        if(len>0) s.Cat(buf,len);
        close(fd);
        if(s.GetCount(>0) return s;
    }
    return String::GetVoid();
}
```

```
CONSOLE_APP_MAIN
```

```
{
    String meminfo = LoadFileRaw("/proc/meminfo");
    Cout() << meminfo << "\n\n";
}
```

Also:

```
LoadFileRaw("/sys/devices/virtual/thermal/thermal_zone0/temp");
works fine on RPi4.
```

Best regards,

Tom

I suspect that the problem is somewhere here: Core/BlockStream.cpp:474

Probably that S_IFREG flag test. Maybe using S_IFBLK would fix it?

Mirek
