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

Posted by [mirek](#) on Fri, 08 Apr 2022 14:11:18 GMT

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Tom1 wrote on Wed, 06 April 2022 12:29Hi,

I attempted to read Raspberry Pi 4 SoC temperature with the below code. For some reason using LoadFile does not work:

```
double GetRaspberryPiTemperature(){  
    String result = LoadFile("/sys/devices/virtual/thermal/thermal_zone0/temp");  
    if(!result.IsEmpty()) return 0.001*ScanDouble(~result);  
    return -55.0;  
}
```

So I had to revert using FILE and fgets instead:

```
double GetRaspberryPiTemperature(){  
    FILE *in=fopen("/sys/devices/virtual/thermal/thermal_zone0/temp","rb");  
    char s[8];  
    if(fgets(s,8,in)) return 0.001*ScanDouble(s);  
    return -55.0;  
}
```

Is this expected or is this a bug?

Best regards,

Tom

Have you tried the exact equivalent? (like reading 8 bytes only).

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