

Data model calls problems

Hi all,

I'm having 2 troubles regarding calling Data Model paths.

1. I'm running my demon program on RDK OS, armv7 Broadcom based (Vantiva CGA437 box).
When calling dmcli I always get 102 error: "Ccsp msg bus internal error 102".
BUT, when I've compiled a small 'main' program with the same code, it works perfectly fine.
Here's the code:

```
#define _GNU_SOURCE
#include <stdio.h>
#include <stdlib.h>
#include <stdbool.h>
#include <unistd.h>
#include <errno.h>
#include <rbus.h>

int main(int argc, char *argv[])
{
    int ret = -1;
    FILE *pipe = NULL;
    char buffer[256] = {0};
    char cmd[] = "dmcli eRT getv Device.DeviceInfo.SerialNumber";

    pipe = popen(cmd, "r");
    if(NULL == pipe) {
        printf("Pipe is NULL. popen() failed. Error: %d\n", errno);
        return ret;
    }

    while (NULL != fgets(buffer, sizeof(buffer), pipe)) {
        printf("buffer: %s\n", buffer);
    }

    pclose(pipe);

    return ret;
}
```

Also running "dmcli eRT getv Device.DeviceInfo.SerialNumber" through shell command or through system() will fail.
I've no clue about the implementation of dmcli, so I'm here for some help.

Should I call the dmcli in different manner? Is there something my demon does not correctly?

2. I have another problem trying to use libdbus.
When I try to rbus_open(), the program immediately inflates in its VSZ by 18MB. That's way too much.
Here's the program:

```
#define _GNU_SOURCE
#include <stdio.h>
#include <stdlib.h>
#include <stdbool.h>
#include <unistd.h>
#include <rbus.h>

rbusHandle_t handle;

int main(int argc, char *argv[])
{
    rbus_open(&handle, "mytest");

    while (true) {
        sleep(100);
    }
}
```

The VSZ here **22100**KB. Once I remove the `rbus_open()` it'll be **4684**KB.
Please advice, is there any compilation that should be different? Some flags?