
Subject: asseccion failed error while opening /dev/rtp0 on ubuntu

Posted by [Shwetha](#) on Thu, 10 Nov 2011 12:12:06 GMT

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Hiii,

I am using xenomai as rtos on ubuntu
we have written a small application for pipe communication

Test.h

```
class Test : public WithTestLayout<TopWindow> {
public:
typedef Test CLASSNAME;
    Test();
    FileStream RTtoUI;
    struct RT2UI
    {
        uint Status;

    };

    RT2UI rt2ui;
    RT2UI ReadArray[3];
    void readpipe();

};
```

main.cpp

```
void Test::readpipe()
{String str;
RTtoUI.Open("/dev/rtp0" ,0);
{
str << "opened" << "\n";
lineedit.Paste ( str.ToWString() );
}
else
{
str << "cannot open" << "\n";
lineedit.Paste ( str.ToWString() );
}
RTtoUI.Read(0, &ReadArray, sizeof ( ReadArray ) );
str << ReadArray[0].Status << "\n";
```

```
lineedit.Paste ( str.ToWString() );  
}
```

while running this on ubuntu through U++ am getting following error
assertion failed in /root/upp/core/BlockStream.cpp
(IsOpen() && (style & STRM_READ));

The same code was working fine in fedora OS

Actually in ubuntu /dev/rtp0 is not opening through upp.