Subject: assection 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.