Subject: [Solved] Recursively loop through XML node
Posted by Xemuth on Tue, 23 Oct 2018 08:46:26 GMT
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Hello everyone !

today, I'm trying to loop through XmlNode to get all the text of it.
Here is my trying code :

```
#include <Core/Core.h>
#include <iostream>
#include <fstream>
#include <string>

using namespace Upp;

Upp::String getRetour(const XmlNode &xn,int cpt){
 int i;
 XmlNode buffer(xn,cpt);
 if( buffer.GetCount() > 0 && buffer.IsTag()){
  Cout() << buffer.GetCount() << "\n";
  for( i = 0; i < buffer.GetCount(); i++){
   getRetour(buffer.Node(i),cpt++);
  }

 }
 else{
  Cout() << buffer.GetText();
  return buffer.GetText();
 }
}

CONSOLE_APP_MAIN
{
 String data;
 String atmTAg;
 std::ifstream fichier(String("myFile").ToStd());
 if(fichier)
 {
  std::string str((std::istreambuf_iterator<char>(fichier)),
             std::istreambuf_iterator<char>());
  fichier.close();
  data = Upp::String(str);
 }
 XmlNode xn = ParseXML(data);
 getRetour(xn.Node(0),0);
```

}

This code crash when I reach the lowest part of my XML, it prints me the right text then crash after returning the string.

Have any idea of what cause the issue ? some tips about my Code ?

Thanks in advance,

Have a good day

Subject: Re: Recursively loop through XML node
Posted by Xemuth on Tue, 23 Oct 2018 09:49:45 GMT
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Hello again, I find au way to fix my issue and loop through XmlNode

```
void loopXml(const XmlNode &xn,int cpt,String baliseToFind,bool Ok){
 XmlNode buffer(xn,cpt);
  for(int i = 0; i < buffer.GetCount(); i++){
 if(buffer.GetText().Find(baliseToFind) > 0 || Ok ){
  //Cout() << buffer.GetText().Find(baliseToFind) <<"\n";
  if(buffer[i].IsText())
   Cout() << buffer[i].GetText() << "\n";
  else
   loopXml(buffer[i],cpt++,baliseToFind,true);
 }
 else
  loopXml(buffer[i],cpt++,baliseToFind,false);
 }
}

CONSOLE_APP_MAIN
{
 String data;
 String atmTAg;
 std::ifstream fichier(String("myFile").ToStd());
 if(fichier)
 {
  std::string str((std::istreambuf_iterator<char>(fichier)),
             std::istreambuf_iterator<char>());
  fichier.close();
  data = Upp::String(str);
 }
 XmlNode xn = ParseXML(data);
```

```
 loopXml(xn,0,"breaks",false);
}
```

function loopXml show me every text in "breaks" tags
