
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 ? :d

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
