Subject: XmlParser and <![CDATA[
Posted by iksobert on Mon, 11 May 2009 01:24:55 GMT
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I haven't quite been able to figure this one out. I tried parsing some XML from an RSS feed, but it seems that the Parser discards any CDATA that it finds. Calling XmlNode::GetText() returns an empty string, and AsXml(XmlNode) returns the xml as an empty tag. Am I doing something wrong?

Here is simple snippet I made to demonstrate this:

```
#include "rssy.h"

#include <Web/Web.h>

rssy::rssy()
{
 CtrlLayout(*this, "No CDATA!");
 list.AddColumn("Text");
 list.AddColumn("XML");
 get_feeds();
}

void rssy::get_feeds(void)
{
 String out;
 HttpClient client;
 client.URL("http://losangeles.craigslist.org/search/jjj?query=php&format=rss");
 out=client.ExecuteRedirect();
 XmlNode n = ParseXML(out);
 const XmlNode &channel=n[0];
 int j;
 int tag;
 for(int i=channel.FindTag("item");i<channel.GetCount();i++) {
  if(channel[i].GetTag()!="item") continue;
  const XmlNode &item=channel[i];
  tag=item.FindTag("title");
  if(tag==-1) continue;
  const XmlNode &title=item[tag];
  j=list.GetCount()+1;
  list.SetCount(j);
  list.Set(j-1,0,title[0].GetText());
  list.Set(j-1,1,AsXML(item));
 }
}

GUI_APP_MAIN
{
```

```
 rssy().Run();
}
```

Subject: Re: XmlParser and <![CDATA[
Posted by mirek on Mon, 11 May 2009 06:37:52 GMT
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ParseXML has second parameter that, in default form, makes it ignore anything but tags.

You can put there 0 to get all info from XML. Note, however, that in that case initial <? item also qualifies, so you can no longer use n[0].

```
#include <Web/Web.h>

using namespace Upp;

CONSOLE_APP_MAIN
{
 HttpClient client;
 client.URL("http://losangeles.craigslist.org/search/jjj?query=php&format=rss");
 String out = client.ExecuteRedirect();
 XmlNode n = ParseXML(out, 0);
 int q = n.FindTag("rdf:RDF");
 if(q >= 0) {
  const XmlNode& channel = n[q];
  for(int i = channel.FindTag("item"); i<channel.GetCount(); i++) {
   if(channel[i].GetTag() == "item") {
    const XmlNode &item=channel[i];
    int tag = item.FindTag("title");
    if(tag >= 0) {
     const XmlNode& title = item[tag];
     for(int j = 0; j < title.GetCount(); j++) {
      DUMP(title[j].GetType());
      DUMP(title[j].GetText());
     }
    }
   }
  }
 }
}
```

Mirek

Subject: Re: XmlParser and <![CDATA[
Posted by iksobert on Mon, 11 May 2009 10:56:10 GMT
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Thanks Mirek! i looked through XML.cpp, but i guess i completely overlooked the construct.

Cheers,
Trenton