Subject: Re: XML parsing error
Posted by captainc on Thu, 17 Jul 2008 13:50:34 GMT

TeCNoYoTTa wrote on Wed, 16 July 2008 18:30thanks very much ......i appreciate your help
but please tell me what these functions do

 Xml_File.End()
 Xml_File.PassEnd()
 Xml_File.Skip()

I agree with you on some confusion with the xml parsing functions.
Unfortunately, my gripe with the xml parser is that it requires a lot of code to make it work
correctly.

 The End() function checks to see if the current token is an ending tag (Ie. </day>). At the same
time, it will advance to the next token.
 The PassEnd() function calls End(). So it expects that you already known that the current token is
an ending tag and you want to pass it and go to the next token. If it is not an ending tag, then it
throws an exception.
 The Skip() function skips tokens till the next tag is reached, skipping over the ending tags as you
go.

Note, tags specified like: <singletag attr1="value"/> will register as true for being an ending tag!
I was able to account for this through loops like:
XmlParser xp(xmlstr);
...
while(!xp.End()){
   if(xp.Tag("mytag")){
      //read attributes from tag
      if(xp.IsEnd()){xp.PassEnd();} //this checks for singletag case
   }else{ xp.Skip(); }
}

I wish there was a way to just convert an entire xml string into a hierarchy of vector/vector-maps!
Maybe I'll work on one.