Subject: To get xml errors from LoadFromXML
Posted by koldo on Wed, 14 Nov 2012 08:18:37 GMT
View Forum Message <> Reply to Message

Hello all

Now it is not possible to get errors in XML strings detected by LoadFromXML() because they are catched inside and removed.

I would vote to remove the try-catch from LoadFromXML() and let the programmer to handle the error properly.

```
bool LoadFromXML(Callback1<XmlIO> xmlize, const String& xml)
{
 try {
  XmlNode node = ParseXML(xml);
  if(node.GetCount() == 0)
   return false;
  for(int i = 0; i < node.GetCount(); i++)
   if(node.Node(i).IsTag()) {
    Value dummy;
    xmlize(XmlIO(node.At(i), true, dummy));
    break;
   }
  return true;
 }
 catch(XmlError) {}    // XmlError is removed
 return false;
}
```

Subject: Re: To get xml errors from LoadFromXML
Posted by crydev on Wed, 21 Nov 2012 10:26:52 GMT
View Forum Message <> Reply to Message

I agree with this. I am using this code as container for my application settings and when I alter my XML file to be wrong and start my application after, the application crashes after it reaches 2 GB memory usage. I would really like to catch the error that currently is suppressed there.

Subject: Re: To get xml errors from LoadFromXML
Posted by crydev on Thu, 22 Nov 2012 21:45:31 GMT
View Forum Message <> Reply to Message

I have found a temporary solution for this problem, would anybody need it:

```
bool LoadFromXML(Callback1<XmlIO> xmlize, const String& xml)
{
 try {
  XmlNode node = ParseXML(xml);
  if(node.GetCount() == 0)
   return false;
  for(int i = 0; i < node.GetCount(); i++)
   if(node.Node(i).IsTag()) {
    Value dummy;
    xmlize(XmlIO(node.At(i), true, dummy));
    break;
   }
  return true;
 }
 catch(XmlError x)
       {
          throw x;
       }    // XmlError is removed
 return false;
}
```

Now just use try-catch in your LoadFromXML call to handle the thrown error.

This works for now, and since most situations XML operations won't be performance critical this solution isn't a too bad one. However, in my opinion this should be fixed.

Subject: Re: To get xml errors from LoadFromXML
Posted by mirek on Thu, 20 Feb 2014 07:53:54 GMT
View Forum Message <> Reply to Message

Only for reference purposes, if anybody finds this thread again, use

TryLoadFromXML

Mirek
