
Subject: Re: Bugfix: XmlParser in endless loop
Posted by [mirek](#) on Mon, 02 Oct 2023 22:55:05 GMT
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zsolt wrote on Mon, 02 October 2023 18:07Try this simple code:
ParseXML("");

This function goes into an endless loop, because at the end of sReadXmlNode() function, the line
p.ReadText(); // skip empty text
doesn't do anything.

My first idea was to change it to
p.Skip();// skip empty text
It seems to be better, but the error message will not be too useful.

My proposed change:

```
@@ -1005,16 +1005,15 @@ static XmlNode sReadXmlNode(XmlParser& p, ParseXmlFilter
*filter, dword style)
    return m;
}
if(p.IsText()) {
    m.CreateText(p.ReadText());
    m.Shrink();
    return m;
}
- p.ReadText(); // skip empty text
- return m;
+ throw XmlError("Unexpected text");
}

void ParseXmlFilter::EndTag() {}

XmlNode ParseXML(XmlParser& p, dword style, ParseXmlFilter *filter)
{
    XmlNode r;
```

I am not 100% sure about removing ReadText to skip empty text, I think there are cornercases
that require that (I bet it is actually a fix).

But this definitely should work:

```
if(p.ReadText().GetCount() == 0) // skip empty text
    throw XmlError("Unexpected text");
```

(in master now)