
Subject: XmlParser patch

Posted by [tojocky](#) on Fri, 12 Feb 2010 09:02:00 GMT

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Hello Mirek,

Can you review and apply this patch?

Content:

Index: uppsrc/Core/XML.cpp

```
=====
--- uppsrc/Core/XML.cpp (revision 2047)
+++ uppsrc/Core/XML.cpp (working copy)
@@ -504,12 +504,13 @@
     return type == XML_TEXT;
 }

-String XmlParser::ReadText()
+String XmlParser::ReadText(bool read_next)
 {
     if(!IsText())
         return String();
     String h = text;
-    Next();
+    if(read_next)
+        Next();
     return h;
 }

@@ -530,12 +531,13 @@
     return type == XML_DECL;
 }

-String XmlParser::ReadDecl()
+String XmlParser::ReadDecl(bool read_next)
 {
     if(!IsDecl())
         throw XmlError("Declaration expected");
     String h = text;
-    Next();
+    if(read_next)
+        Next();
     return h;
 }

@@ -544,12 +546,13 @@
     return type == XML_PI;
 }
```

```

-String XmlParser::ReadPI()
+String XmlParser::ReadPI(bool read_next)
{
  if(!IsPI())
    throw XmlError("Processing info expected");
  String h = text;
- Next();
+ if(read_next)
+ Next();
  return h;
}

```

```

@@ -558,12 +561,13 @@
  return type == XML_COMMENT;
}

```

```

-String XmlParser::ReadComment()
+String XmlParser::ReadComment(bool read_next)
{
  if(!IsComment())
    throw XmlError("Comment expected");
  String h = text;
- Next();
+ if(read_next)
+ Next();
  return h;
}

```

Index: uppsrc/Core/XML.h

```

=====
--- uppsrc/Core/XML.h (revision 2047)
+++ uppsrc/Core/XML.h (working copy)
@@ -88,17 +88,17 @@
  double Double(const char *id, double def = Null) const;

  bool  IsText();
- String ReadText();
+ String ReadText(bool read_next = true);
  String ReadTextE();

  bool  IsDecl();
- String ReadDecl();
+ String ReadDecl(bool read_next = true);

  bool  IsPI();
- String ReadPI();
+ String ReadPI(bool read_next = true);

```

```
bool IsComment();
- String ReadComment();
+ String ReadComment(bool read_next = true);

void Skip();
void SkipEnd();
```

Change motivations:

- Exists situations when you need to read tag, pi, declaration or comment without go to the next step!

example:

```
.....
if(!v_was_read_xml_pi)
  &&(v_xml_in.IsPI())
  &&(v_xml_in.ReadPI(false).StartsWith("xml version=\"1.0\""))){
  String v_pi = v_xml_in.ReadPI();
.....
```

svn release: 2047

Regards, Ion Lupascu (tojocky)

File Attachments

1) [upp_xml_patch.patch](#), downloaded 270 times

Subject: Re: XmlParser patch

Posted by [mirek](#) on Mon, 15 Feb 2010 11:38:16 GMT

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OK, sounds like a good idea. I have only, instead of parameter, used "Read" and "Peek" (ReadText, PeekText) pairs.

Thanks.

Mirek
