Subject: ...nize class
Posted by koldo on Mon, 14 May 2012 11:17:04 GMT
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Hello Mirek

Now the syntax of Xmlize and Jsnize is identical. For example:

```
void SystemOverview::Xmlize(XmlIO &xml) {
 xml
  ("signature", signature)("biosVersion", biosVersion)("biosSerial", biosSerial)
  ("biosReleaseDate", biosReleaseDate)("computerName", computerName)("kernel", kernel)
  ("kerVersion", kerVersion)("kerArchitecture", kerArchitecture)("distro", distro)
  ("distVersion", distVersion)("desktop", desktop)("deskVersion", deskVersion)
  ("compilerName", compilerName)("compilerVersion", compilerVersion)
  ("compilerTime", compilerTime)("compilerMode", compilerMode)
 ;
}

void SystemOverview::Jsonize(JsonIO& json) {
 json
  ("signature", signature)("biosVersion", biosVersion)("biosSerial", biosSerial)
  ("biosReleaseDate", biosReleaseDate)("computerName", computerName)("kernel", kernel)
  ("kerVersion", kerVersion)("kerArchitecture", kerArchitecture)("distro", distro)
  ("distVersion", distVersion)("desktop", desktop)("deskVersion", deskVersion)
  ("compilerName", compilerName)("compilerVersion", compilerVersion)
  ("compilerTime", compilerTime)("compilerMode", compilerMode)
 ;
}
```

Would it be possible to have a kind of ...nize class to have only one basic implementation per class of the Jsonize and Xmlize methods?

Subject: Re: ...nize class
Posted by dolik.rce on Mon, 14 May 2012 12:19:44 GMT
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If this is considered, it would be nice to add the same interface for Serialize() as well

Subject: Re: ...nize class
Posted by kohait00 on Tue, 15 May 2012 13:01:12 GMT
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pretty good idea

Subject: Re: ...nize class
Posted by mirek on Wed, 16 May 2012 09:42:05 GMT
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Yes, I had that idea too, but unfortunately, it is not 100% same - Xmlize is capable of Attri(butes).

It would be perhaps possible to provide some simplification, using Jsonize for Xmlize, but not vice-versa.

BTW, there are now JsonizeBySerialize and XmlizeBySerialize. So we are perhaps speaking about XmlizeByJsonize, right?

Subject: Re: ...nize class
Posted by koldo on Wed, 16 May 2012 10:01:34 GMT
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mirek wrote on Wed, 16 May 2012 11:42Yes, I had that idea too, but unfortunately, it is not 100% same - Xmlize is capable of Attri(butes).

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I agree. However it seems ...izeBySerialize functions serve for jsonizing and xmlizing raw data. In our case the resulting XML or Json String would be the same, but using basically only one ...ize method per class and another method per Json, XML or Serialize.

Subject: Re: ...nize class
Posted by mirek on Wed, 16 May 2012 10:04:17 GMT
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koldo wrote on Wed, 16 May 2012 06:01mirek wrote on Wed, 16 May 2012 11:42Yes, I had that idea too, but unfortunately, it is not 100% same - Xmlize is capable of Attri(butes).

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Yep, not totaly same, but quite similar.

Mirek

Subject: Re: ...nize class
Posted by koldo on Wed, 16 May 2012 13:01:26 GMT
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Quote:Yep, not totaly same, but quite similar.Sorry Mirek

I meant that XML and Json with new and old functions would be the same.

Subject: Re: ...nize class
Posted by mirek on Sun, 20 May 2012 15:05:19 GMT
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XmlizeByJsonize added (upptst/JSON contains test of it).

Subject: Re: ...nize class
Posted by koldo on Sun, 20 May 2012 18:35:54 GMT
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Thank you Mirek

I understand . Great solution for me. I will apply it immediately to all sources.

Subject: Re: ...nize class
Posted by koldo on Sun, 20 May 2012 20:31:46 GMT
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Hello Mirek

Is new system fully compatible with older?

I have tried this with an app and an exception was thrown when reading old XML files.

I am not sure now of the exact problem but, for example, before:
<b>
 <type>int</type>

<value value="0"/>

and after:

Subject: Re: ...nize class
Posted by koldo on Sun, 20 May 2012 20:42:22 GMT
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Hello Mirek

There is also difference in Time and Date. This is the problem that breaks my main program throwing a "string expected" exception:

Before:
<biosReleaseDate value="20080923"/>
After:
<biosReleaseDate>20080923</biosReleaseDate>

Subject: Re: ...nize class
Posted by mirek on Mon, 21 May 2012 11:33:09 GMT
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koldo wrote on Sun, 20 May 2012 16:31Hello Mirek

Is new system fully compatible with older?

No, it is not. Frankly, I was not even thinking that it should...

I am not even sure I can reach the compatibility, as long as I am using Jsonized Value as intermediate form... (e.g. Date gets converted to String by Jsonize, so I have to send String to XML).

Subject: Re: ...nize class
Posted by koldo on Mon, 21 May 2012 11:46:18 GMT
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Hello Mirek

This issue was not really important so you decide.

Here the problem is not that the XML strings generated are not exactly the same. The problem is

that when reading them an exception is thrown.

If reading:
<type>int</type><value value="0"/>

would be like reading:

And if reading:
<biosReleaseDate value="20080923"/>

would be like reading:
<biosReleaseDate>20080923</biosReleaseDate>

There would not be any problem .

Subject: Re: ...nize class
Posted by mirek on Mon, 21 May 2012 12:50:16 GMT
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Well, but that exactly is hard to achieve IMO. See the code, perhaps you will find a way...

Subject: Re: ...nize class
Posted by koldo on Tue, 22 May 2012 09:11:10 GMT
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Oh no.

I will use XmlizeByJsonize() in new classes.