Subject: Xmlize default value
Posted by koldo on Wed, 14 Nov 2012 09:27:03 GMT
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Hello all

A possible idea to improve Xmlize/Serialize functions would be to add a default value to be used when no data is found loading the class.

It could be like this

```
void Xmlize(XmlIO &xml) {
 xml
  ("MyString", myString, "Default value")
  ("MyDouble", myDouble, 1200.2)
 ;
}
```

Subject: Re: Xmlize default value
Posted by nixnixnix on Tue, 02 Apr 2013 20:29:54 GMT
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I agree.

My understanding of XML was that it is relatively robust so that if there is a missing field, it just gets ignored. However, the current version sets missing fields to null which seems to defeat the purpose.

Can this be easily fixed or extended to work the way that Koldo suggests? Either would work for me.

Nick

Subject: Re: Xmlize default value
Posted by koldo on Tue, 02 Apr 2013 21:53:40 GMT
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Thank you Nick.

I still think it would be good

Subject: Re: Xmlize default value

Posted by nixnixnix on Sat, 11 Jan 2014 23:03:46 GMT
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Still think this would be a good addition for reasons stated above.

Cheers,

Nick

Subject: Re: Xmlize default value
Posted by koldo on Sun, 12 Jan 2014 19:20:16 GMT
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Added to Redmine here.

Subject: Re: Xmlize default value
Posted by mirek on Mon, 10 Feb 2014 14:07:31 GMT
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I have implemented this, but I have encountred nasty problem on the way. All works fine except for string, where there is unresolvable overloading ambiguity with

template <class T> XmlIO operator()(const char *tag, const char *itemtag, T& var);

which is variant intended to choose tag of items while serializing containers.

The only nice solution would be to change this non-operator method, something like

template <class T> XmlIO Container(const char *tag, const char *itemtag, T& var);

or perhaps possible remove it completely (currently, there are also default variants with "item", "key" etc...).

Any suggestions?

Subject: Re: Xmlize default value
Posted by mirek on Wed, 12 Feb 2014 17:38:09 GMT
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In the end, solved by changing operator() to List method. (I guess nobody bothers to use this feature anyways).

Mirek

Subject: Re: Xmlize default value
Posted by nixnixnix on Wed, 12 Feb 2014 23:01:52 GMT
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Thanks Mirek,

Works for me.

Nick