

---

Subject: Xmlize default value

Posted by [koldo](#) on Wed, 14 Nov 2012 09:27:03 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

Added to Redmine here.

---

---

Subject: Re: Xmlize default value

Posted by [mirek](#) on Mon, 10 Feb 2014 14:07:31 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I have implemented this, but I have encountered 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

[View Forum Message](#) <> [Reply to Message](#)

---

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  
[View Forum Message](#) <> [Reply to Message](#)

---

Thanks Mirek,

Works for me.

Nick

---