
Subject: Re: Suggest Xmlize support for Value
Posted by [Mindtraveller](#) on Tue, 13 May 2008 01:19:01 GMT
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The problem above appeared to be more serious: some serialized strings with trailing zero bytes are automatically truncated while added to the xml. So I suggest my solution by simple uuencoding bytes:

```
String UUEncode(const String &s)
{
    String out;
    out.Reserve(s.GetCount()*2);
    for (int i=0;i<s.GetCount();++i)
        out+=Format("%02X",0xFF & s[i]);

    return out;
}
```

```
String UUDecode(const String &s)
{
    String out;
    out.Reserve(s.GetCount()/2);
    for (int i=0;i<s.GetCount()/2;++i)
        out += (char) (0xFF & ScanInt(s.Mid(i*2,2).Begin(), NULL, 16));

    return out;
}
```

```
//-----
NAMESPACE_UPP
template<> void Xmlize(XmlIO xml, Value& v)
{
    if (xml.IsLoading())
    {
        String s;
        xml.Attr("value", s);
        StringStream ss(UUDecode(s));
        ss.SetLoading();
        ss % v;
    }
    else
    {
        StringStream ss;
        ss.SetStoring();
        ss % v;
        String s(UUEncode((String) ss));
        xml.Attr("value",s);
    }
}
```

```
}  
END_UPP_NAMESPACE
```
