
Subject: Xmlize - need help

Posted by [deep](#) on Tue, 27 Sep 2016 15:47:29 GMT

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Hi,

```
s = <?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<!DOCTYPE Properties>
<Properties>
  <PROPERTY NAME="Company Name" TYPE="string">My Company 1</PROPERTY>
  <PROPERTY NAME="Company Name" TYPE="string">My Company 2</PROPERTY>
  <PROPERTY NAME="Company Name" TYPE="string">My Company 3</PROPERTY>
  <PROPERTY NAME="Company Name" TYPE="string">My Company 4</PROPERTY>
  <PROPERTY NAME="Company Name" TYPE="string">My Company 5</PROPERTY>
</Properties>
```

I want to create XML file like this using Xmlize

Code which I am trying. Need help in Xmlize xml declaration

```
#include <Core/Core.h>

using namespace Upp;

struct RepProperty : Moveable<RepProperty> {

  String propName;
  String propValue, propType;

  void Xmlize ( XmlIO& xml ) {
    xml ( "PROPERTY" , propValue );
    xml.Attr ( "NAME" , propName ).Attr("TYPE", propType);
  }

};

struct test : Moveable<test> {
  Vector<RepProperty> repProp;
  void Xmlize ( XmlIO& xml ) {
    xml ( "PROPERTIES", "PROPERTY", repProp );
  }
};

CONSOLE_APP_MAIN {
  test t;

  for ( int i = 0; i < 5 ; i++ ) {
```

```

RepProperty &r = t.repProp.Add();
r.propName = "Company Name" ;
r.propValue = "My Company" ;
r.propType = "string" ;
}

String s = StoreAsXML ( t.repProp , "Properties" );

DUMP ( s );

}

```

I get following result.

```

*
s = <?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<!DOCTYPE Properties>
<Properties>
  <item NAME="Company Name" TYPE="string">
    <PROPERTY>My Company</PROPERTY>
  </item>
  <item NAME="Company Name" TYPE="string">
    <PROPERTY>My Company</PROPERTY>
  </item>
  <item NAME="Company Name" TYPE="string">
    <PROPERTY>My Company</PROPERTY>
  </item>
  <item NAME="Company Name" TYPE="string">
    <PROPERTY>My Company</PROPERTY>
  </item>
  <item NAME="Company Name" TYPE="string">
    <PROPERTY>My Company</PROPERTY>
  </item>
</Properties>

```

Actually for this code to compile I done following change in Core/Xmlize.h

```

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

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

```