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<b>Platform</b>	S60 3rd Edition	<b>Tested on devices</b>	N80
<b>Category</b>	Symbian C++	<b>Subcategory</b>	

**Keywords (APIs, classes, methods, functions):** CSenDomFragment and CSenElement

## Overview

This following example shows how to generate an xml using CSenDomFragment and CSenElement in S60 3rd edition. it generates MyXML and save it to C:\data directory.

The sample example creates a new root element, add attribute to it, generates child node with attribute and data.

## Headers Required

```
#include <senelement.h>
#include <sendomfragment.h>
```

## Library Needed

```
LIBRARY SenXml.lib
```

## Capability Required

```
Capability None
```

```
void CGenerateXMLAppUi::GenerateXML()
{
    CSenDomFragment pSenDomFragment = CSenDomFragment::NewL(_L8("LocalName"));

    // create root Tag
    CSenElement pSenDomFragment->AsElement().CreateElementL(_L8(""),_L8("Root"));
    //set its attribute
    ->AddAttrL(_L8("volume"),_L8("0"));
    ->AddAttrL(_L8("video"),_L8("1"));
}
```

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```
// create child tag
CXmlElement* Child1 = pSenDomFragment->AsElement().CreateElementL(_L8(""),_L8("Item"));
->AddAttributeL(_L8("name"),_L8("kamlesh"));
->AddAttributeL(_L8("surname"),_L8("sangani"));
->AddAttributeL(_L8("author"),_L8("bapu"));

// create child tag
CXmlElement* Child2 = pSenDomFragment->AsElement().CreateElementL(_L8(""),_L8("Item"));
->AddAttributeL(_L8("name"),_L8("abc"));
->AddAttributeL(_L8("surname"),_L8("def"));
->AddAttributeL(_L8("author"),_L8("someone"));

// create child tag
CXmlElement* Child3 = pSenDomFragment->AsElement().CreateElementL(_L8(""),_L8("Date"));
TPtrC8 SetxmlParam1ofChild3->SetContentL(_L8("Friday, May 09, 2009"));

//setting parent node and transferring ownership.
CXmlElement* Root1 = Root->AddElementL(*Child1);
CXmlElement* Root2 = Root->AddElementL(*Child2);
CXmlElement* Root3 = Root->AddElementL(*Child3);

RFile file

if (KErrNone != file.Open(CCoEnv::Static()->FsSession(), _L("c:\\data\\MyXML"), EFileWrite))
    Replace(CCoEnv::Static()->FsSession(), _L("c:\\data\\MyXML"), EFileWrite);

* Root->AsXmlL();

if(xml)
    Write(xml->Text());
    Close();

delete xml;
delete pSenDomFragment;
delete Root;

}
```

## Postconditions

The code snippet is expected to generate XML file as shown below.

```
<Root volume="0" video="1">
  <Item name="kamlesh" surname="sangani" author="bapu"/>
  <Item name="abc" surname="def" author="someone"/>
  <Date>Friday, May 01, 2009</Date>
</Root>
```

## Download Code Example

- [Download Code Example from here](#)

## Related Link

- [XML Generator](#)