
Question

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XML.Reader correlate produces ERROR #6277: Type attribute does not specify valid type for XML input tag

I'm using `%XML.Reader` to open an XML file and use it's correlate method to try and convert it to a class.

The conversion fails with an error of:

```
ERROR #6277: Type attribute, LimitedFreeTextFieldInstance, does not specify valid type for XML input tag:
Field (ending at line 3 character 118).
```

This is the XML

```
<Fields xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" >
  <Field xsi:type="UDFLookupFieldInstance" ID="2925" Description=
"FIRE ALARM ACTIVE" Suffix="FDT_ACTIVATE"/>
</Fields>
```

This error is produced when `xsi:type` is any value, when it is left blank conversion using the code listed below is successful.

The XML I'm working with is produced by a third party and can't be changed.

I can't figure out why. Can anyone help?

The classes are as follows:

```
Class Field Extends (%Persistent, %XML.Adaptor)
{
    Parameter XMLFORMAT = "literal";
    Parameter XMLNAME = "Field";
    Parameter NAMESPACE =
"http://www.civica.co.uk/ParisConnect/ConnectXml/1.0/Messaging";
    Property Type As %String(XMLNAME = "xsi:type", XMLPROJECTION = "ATTRIBUTE");
    Property Suffix As %String(XMLNAME = "Suffix", XMLPROJECTION = "ATTRIBUTE");
    Property Description As %String(XMLNAME = "Description"
, XMLPROJECTION = "ATTRIBUTE");
    Property ID As %String(XMLNAME = "ID", XMLPROJECTION = "ATTRIBUTE");
}
```

```
Class Fields Extends (%Persistent, %XML.Adaptor)
{
    Parameter XMLFORMAT = "literal";
    Parameter XMLNAME = "Fields";
    Parameter XMLSEQUENCE = 1;
    Parameter NAMESPACE =
"http://www.civica.co.uk/ParisConnect/ConnectXml/1.0/Messaging";
```

```
Parameter SUPPRESSTYPEPREFIX = 1;  
Property Fields As list Of Field(XMLNAME = "Field", XMLPROJECTION = "ELEMENT");  
}
```

And I test with

```
ClassMethod TestFieldsCorrelate()  
{  
    Set reader = ##class(%XML.Reader).%New()  
    Set tSc=reader.OpenFile("E:\temp\Fields.xml")  
    #dim match as Fields  
    Do reader.Correlate("Fields","Fields")  
    While reader.Next(.match,.tSc) {  
        w !, "Hurrah"  
    }  
    If $$$ISERR(tSc) {  
        w !, $SYSTEM.Status.GetErrorText(tSc)  
    }  
}
```

Any feedback, thoughts, comments would be greatfuly received.

Cheers

Andy

[#ObjectScript](#) [#XML](#) [#InterSystems IRIS](#)

Product version: IRIS 2021.1

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Source

URL:<https://community.intersystems.com/post/xmlreader-correlate-produces-error-6277-type-attribute-does-not-specify-valid-type-xml-input>