
Question

[Patrik Spisak](#) · Feb 14, 2020

%XML.Reader

Hi guys,

I need help because I have no idea how to proceed further and documentation does not explaining this solution.

I have XML like this:

```
<?xml version="1.0"?>
```

```
<ProductionPackage xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" JobName="100068046L69">
```

```
<Barcode>1200002101</Barcode>
```

```
<DueDate>31.12.5000 23:59:59</DueDate>
```

```
<BasicMaterial>1.0038</BasicMaterial>
```

```
<RawMaterial>St37-120</RawMaterial>
```

```
<RawMaterialThicknessUnit>mm</RawMaterialThicknessUnit>
```

```
<JobNote />
```

```
<CreatedBy>stko</CreatedBy>
```

```
<ChangedBy>stko</ChangedBy>
```

```
<Workplace WorkplaceName="TruLaser 3030 (L49)">
```

```
<Barcode>0800000029</Barcode>
```

```
<CostCenter />
```

```
<Activity>2D-Tafelbearbeitung</Activity>
```

```
<MachineName>L49</MachineName>
```

```
<MachineType>51</MachineType>
```

```
<ControlName>Sin 840D</ControlName>
```

```
<ControlType>1</ControlType>
```

```
<ProcessingAreaX>3000.00</ProcessingAreaX>
```

```
<ProcessingAreaY>1500.00</ProcessingAreaY>
```

```
<ProcessingAreaZ>115.00</ProcessingAreaZ>
```

</Workplace>

Im trying to read all nodes within %XML.Reader and Correlate. For parents it's not problem and I can get it. But I have no idea what to do if I want get Workplace with all his childs.

```
Class
dhr.production.article.xml.productionPackage Extends (%Persistent, %XML.Adaptor)
{
  Parameter XMLNAME = "ProductionPackage";
  Property Barcode As %Integer; Property DueDate As %String;
  Property BasicMaterial As %Float;
  Property RawMaterial As %String;
  Property Workplace As dhr.production.article.xml.workplace;
}
```

```
Class dhr.production.article.xml.workplace Extends (%Persistent, %XML.Adaptor)
{
  Parameter XMLNAME = "Workplace";
  Property Barcode As %Integer;
  Property MachineName As %String;
  Property MachineType As %String;
  Property ControlName As %String;
  Property ControlType As %Integer;
}
```

For writing values from parrent it working fine, but in documentation there is no mention how I can get output from childrens and siblings. I tried object.Workplace.Barcode but does not work at all.

```
ClassMethod getFiles(pDir As %String, pFileSpec As %String)
{
  SET tRS = ##class(%ResultSet).%New("%Library.File:FileSet"),
    tSC = tRS.Execute(pDir,pFileSpec)

  WHILE tRS.Next()
  {
    SET filePath = tRS.Get("Name"),
      lastModified = tRS.Get("DateModified"),
      fileType = tRS.Get("Type")

    SET xmlReader = ##class(%XML.Reader).%New(),
      xmlStatus = xmlReader.OpenFile(filePath)

    DO xmlReader.Correlate("ProductionPackage",
      "dhr.production.article.xml.productionPackage")

    DO xmlReader.Next(.object, .xmlStatus)

    WRITE !,object.Barcode
  }

  QUIT
}
```

%XML.Reader

Published on InterSystems Developer Community (<https://community.intersystems.com>)

[#XML](#) [#Caché](#)

Source URL: <https://community.intersystems.com/post/xmlreader>