

# OPENXML

**Source:**

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Is there a way to use read data from an XML file, and insert it into a table? The code example below is from BOL using OPENXML, but doesn't call to a file directly.

Thanks in advance.

Mark

```
DECLARE @hDoc int
EXEC sp_xml_preparedocument @hDoc OUTPUT,
    N'<ROOT>
      <Customers CustomerID="XYZAA" ContactName="Joe"
        CompanyName="Company1">
        <Orders CustomerID="XYZAA"
          OrderDate="2000-08-25T00:00:00"/>
        <Orders CustomerID="XYZAA"
          OrderDate="2000-10-03T00:00:00"/>
      </Customers>
      <Customers CustomerID="XYZBB" ContactName="Steve"
        CompanyName="Company2">No Orders yet!
      </Customers>
    </ROOT>'
-- Use OPENXML to provide rowset consisting of customer data.
INSERT Customers
SELECT *
FROM OPENXML(@hDoc, N'/ROOT/Customers')
    WITH Customers
-- Use OPENXML to provide rowset consisting of order data.
INSERT Orders
SELECT *
FROM OPENXML(@hDoc, N'//Orders')
    WITH Orders
-- Using OPENXML in a SELECT statement.
SELECT * FROM OPENXML(@hDoc, N'/ROOT/Customers/Orders') with (CustomerID
nchar(5) './@CustomerID', OrderDate datetime)
-- Remove the internal representation of the XML document.
EXEC sp_xml_removedocument @hDoc
```