

# Create\_XML\_XSD\_Schema Function

## Description

(Introduced in OpenInsight 4.1.3). Creates an XML Schema definition document (.XSD file) from fields in an OpenInsight table.

## Syntax

*retval* = **Create\_XML\_XSD\_Schema** (*Tablename*, *Rpt\_Fields*, *Dos\_Path*, *DosFile*)

## Parameters

The Create\_XML\_XSD\_Schema function has the following parameters.

Parameter	Description
<i>TableName</i>	OpenInsight table to be published as XML
<i>Rpt_Fields</i>	A value-mark delimited list of dictionary field names to be included in the XML Schema definition document.
<i>DOS_Path</i>	Unused. Pass null.
<i>DOSFile</i>	The fully qualified path of the filename of the XML file for which the .XSD file is being created.

## Returns

The fully qualified path name of the schema file associated with the XML file passed in DOSFile. No error is returned if the schema file is not successfully created.

## See also

[Extract\\_XML\\_Schema\\_Name\(\)](#), [Get\\_XML\\_Value\(\)](#), [Inet\\_OI\\_XML\(\)](#), [XML\\_Importer\(\)](#)

## Example

```
/* After the Create_XML_XSD_Schema() function is called,
the Extract_XML_Schema_Name() function is called,
the file C:\orders_schema.xsd will contain the schema definition
for the ORDER_NO and ITEM_DESCRIPTIONS_ENTERED fields in the ORDERS table. */

declare function create_xml_xsd_schema
tablename = 'ORDERS'
rpt_fields = 'ORDER_NO':@vm : 'ITEM_DESCRIPTIONS_ENTERED'
dos_path = ''
dosfile = 'C:\orders.xml'
retval = create_xml_xsd_schema( tablename , rpt_fields , dos_path , dosfile)
```

## Sample XSD File

Below is the contents of the schema file produced by running the example.

```
<?xml version="1.0" ?>
<rti:schema xmlns:rti="http://www.revelation.com/XMLSchema" rti:noNamespaceSchemaLocation="C:\orders.xml_schema.xsd">
  <rti:annotation>
    <rti:documentation xml:lang="en">ORDERS schema created by the OpenInsight Schema Creator.
    Copyright 2003. All rights reserved.</rti:documentation>
  </rti:annotation>
  <rti:element name="ORDERS" type="OIRowType" />
  <rti:complexType name="OIRowType">
    <rti:element name="order_no" type="rti:integer" />
    <rti:element name="item_descriptions_entered_mv" type="item_descriptions_entered_mv_Type" />
  </rti:complexType>
  <rti:complexType name="item_descriptions_entered_mv_Type">
    <rti:element name="item_descriptions_entered" type="rti:string" />
  </rti:complexType>
</rti:schema>
```