

# Orasi Monthly Code Challenge

Silver League

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*August 2013*

*Challenge Submitted by:*

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*Challenge Due Date:*

**8/30/13**

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## Challenge Description

Many applications employ the use of XML at some point or another. It is important to understand its structure as well as how to read and write an XML message. VBScript has objects available to work with XML messages. For example, Microsoft.XMLDOM can read, write and modify the XML message. QTP also gives you access to the XMLData and XMLElement objects that can interact with the XML message. The silver league coding challenge is to use some of these tools to both build and read an XML file that contains the organizational structure of Rural Testing.

## Submission Requirements:

Your submission must be in the form of two VBScript functions that can run inside QTP. The first function should be named <YourName>CreateXML and accept one argument. This argument should be a comma and semi-colon delimited string containing Employee Names, Employee Titles, and Supervisor Name. The string will be in the following format;

“Employee Name, Employee Title, Supervisor Name; Employee #2 Name, Employee #2 Title, Supervisor #2 Name”

The potential titles are “AVP”, “Director”, “Manager”, and “Consultant”. This function should return a single value, the XML representation of the data in string form. Any valid xml representation will be accepted.

The second function should be named <YourName>ReadXML and should take two arguments. The first argument should be the XML in string form and the second argument should be the name of the employee we are looking up. This function should return a single value, a string saying the Employee Name, Employee Title, Supervisors name and supervisors title. This string should read as a complete sentence saying who the employee is and who they report to.

These function must comply with Orasi Coding Standards. You will be allowed 1 minute of execution time to accomplish this task. Anyone who successfully creates an xml file, and returns information from the xml via the retrieval function will be considered to have completed the challenge. A winner will be announced based on conformity to coding standards, efficiency, and creativity.

## Suggested Research:

Do some research on the objects available to VBS such as Microsoft.XMLDOM, XMLData, and XMLElement.

## Winning Solution:

\*\*\*\*\* Future Home of the winning solution \*\*\*\*\*