Orasi Monthly Code Challenge

Bronze League

July 2013

Challenge Submitted by:

John White

July 2013 Orasi Code Challenge - Bronze

Challenge Description

One of the basic challenges for any coder is string manipulation. In code, a string is a sequence of characters. These characters can be alphabetic, numeric, or a number of special characters (!,@,#, etc.). String manipulation involves taking a string and adding, removing, or reorganizing characters. The Bronze League monthly code challenge for July 2013 is to use string manipulation function to reverse the order of a string.

Submission Requirements:

Your submission must be in the form of a VBScript function that can run inside QTP. The function should accept a single argument (the string) and return a single value (the string in reverse order). Inside the function you may use any string manipulation function necessary. Loops, arrays, and if statements may also be used if appropriate. This function must comply with Orasi Coding Standards which includes using option explicit and declaring all variables. You will be allowed 1 minute of execution time to accomplish this task. Anyone who successfully returns the string in reverse order will be considered to have completed the challenge. A winner of the challenge will be chosen based on conformity to Orasi Coding Standards, code efficiency, and creativity.

Suggested Links:

Basic String Info:

http://www.tizag.com/vbscriptTutorial/vbscriptstrings.php

String Manipulation Functions:

http://www.automationrepository.com/2012/05/vbscript-string-manipulation-functions-with-examples-in-qtp/

If Statements and Loops

http://www.learnqtp.com/vb-script-and-qtp-part2/

Winning Solution:

```
'**************************************************************
' Function Name:    ReverseString
'Author:           John White
'Created Date:     7/19/13
'Purpose:          Function accepts a String and returns the string in reverse order
'**************************************************************
```

```
Function ReverseString(sString)

        'Scrubs input for StrReverse function
        If VarType(sString) = 1 Then
                ReverseString= ""
                ExitFunction
        End If

        ReverseString = StrReverse(sString)

End Function
```