

Extension Methods

In this lab, we create an extension to the string class.

Builds On - Interfaces

Overview

The **Java** string class has a cool method named **Matches**. This method takes a regular expression as a parameter and returns a true if the string matches the expression and false if it doesn't.

Let's take that a step further and add a method to the string class to *Validate* a string with a regular expression.

Add a class to the *Interfaces* project named *Extensions*. Change the class to `public static`. Define a static bool extension method named *Validate*. The first **this** argument is a string (extending string class) and the second is a regular expression. If the string doesn't start with a ^ and/or end with a \$, add them. Return true if this string matches the regex or false if it doesn't.

Update the validation methods in *HumanResource* to use the extension method.