

Re: phone number regular expression problem

any number of – hyphens
and one + symbol
no other characters and alphabets are allowed

Thanks in advance

Venugopal.S

There are some awesome phone number examples out there....I am sure you can find one that matches most phone numbers in most regions :)...but darn, that has to be a HUGE pattern :P

Here's one that does U.S. and regional telephone numbers ... including extentions (copied and slightly modified from <http://javascript.about.com/library/blre.htm>).

```
-----  
/// <summary>  
/// Determines whether the specified text is a valid phone number.  
/// </summary>  
/// <param name="Text">The text to check.</param>  
/// <returns>  
/// Returns <see langword="true" /> if the <paramref name="Text" />  
/// argument is a valid phone number, otherwise returns <see  
/// langword="false" />.  
/// </returns>  
private static bool IsPhoneNumber(string Text)  
{  
    const string PHONE_PATTERN =  
    @"^((\+|d{1,3})(-|)?(?\d)?(-|)?d{1,3})|(\(?d{2,3}\)?))" +  
    @"(-|)?\d{3,4}(-|)?(\d{4})(\s*(x|ext)\d{1,5}){0,1}$";  
  
    return System.Text.RegularExpressions.Regex.IsMatch(  
        Text,  
        PHONE_PATTERN  
    );  
}
```

HTH,
Mythran