
Subject: Json Date/Time support
Posted by [mirek](#) on Sun, 06 Oct 2013 11:18:54 GMT
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JSON standard does not directly support Date/Time, which causes troubles when using it. Anyway, I have found a neat trick

[http://weblogs.asp.net/bleroy/archive/2008/01/18/dates-and-j son.aspx](http://weblogs.asp.net/bleroy/archive/2008/01/18/dates-and-json.aspx)

which seems quite reasonable, so I have added support for Date/Time in JSON in this manner.

Subject: Re: Json Date/Time support
Posted by [unodgs](#) on Sun, 06 Oct 2013 17:55:06 GMT
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That's great to have it, but I had it already implemented in my private branch. But my solution checked if the json value can be converted to a date using `IsDateString` function:

```
bool IsDateString(const String& s)
{
    if(s.GetLength() != 10)
        return false;

    int cnt = 0;
    for(int i = 0; i < s.GetLength(); i++) {
        if(IsAlpha(s[i]) || IsSpace(s[i]))
            return false;
        if(!IsDigit(s[i]))
            ++cnt;
    }
    return cnt == 2;
}
```

and then in `ParseJSON` I changed `if(p.IsString())` section to:

```
if(p.IsString())
{
    String s = p.ReadString();
    if(IsDateString(s)) {
        Date d = ScanDate(s);
        if(!IsNull(d))
            return d;
    }
    return s;
}
```

The good thing is it does accept most of the date formats that satisfy `ScanDate` function.

However relying on unofficial standard might be better.

Subject: Re: Json Date/Time support

Posted by [mirek](#) on Sun, 06 Oct 2013 18:06:29 GMT

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The good thing is it does accept most of the date formats that satisfy `ScanDate` function. However relying on unofficial standard might be better.

Well, what I do like about that hack is that it quite safely excludes false positives. "V" escape code really does not make much sense....
