
Subject: Re: Jsonize() Date and Time serialization [patch]

Posted by [zsolt](#) on Fri, 11 Jun 2021 17:51:06 GMT

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Quick correction:

This one would be safer for dates:

@ -328,12 +328,12 @@ template<> void Jsonize(JsonIO& io, Date& var)

 return;

}

if(IsString(v)) {

- String text = v;

+ String text = Filter(v.ToString(), CharFilterDigit);

 if(text.GetCount() > 6) {

 Date d;

 d.year = ScanInt(text.Left(4));

 d.month = ScanInt(text.Mid(4, 2));

- d.day = ScanInt(text.Mid(6));

+ d.day = ScanInt(text.Mid(6,2));

 if(d.IsValid()) {

 var = d;

 return;

@@ -346,7 +346,7 @@ template<> void Jsonize(JsonIO& io, Date& var)

 if(IsNull(var))

 io.Set(Null);

 else

- io.Set(Format("%04d%02d%02d", var.year, var.month, var.day));

+ io.Set(Format("%04d-%02d-%02d", var.year, var.month, var.day));

}

template<> void Jsonize(JsonIO& io, Time& var)

@@ -358,15 +358,15 @@ template<> void Jsonize(JsonIO& io, Time& var)

 return;

}

if(IsString(v)) {

- String text = v;

- if(text.GetCount() > 15) {

+ String text = Filter(v.ToString(), CharFilterDigit);

+ if(text.GetCount() > 10) {//seconds may be missing

 Time tm;

 tm.year = ScanInt(text.Left(4));

 tm.month = ScanInt(text.Mid(4, 2));

 tm.day = ScanInt(text.Mid(6, 2));

- tm.hour = ScanInt(text.Mid(9, 2));

- tm.minute = ScanInt(text.Mid(12, 2));

- tm.second = ScanInt(text.Mid(15));

+ tm.hour = ScanInt(text.Mid(8, 2));

+ tm.minute = ScanInt(text.Mid(10, 2));

+ tm.second = ScanInt(text.Mid(12, 2));

```
if(tm.IsValid()) {
    var = tm;
    return;
@@ -379,7 +379,7 @@ template<> void Jsonize(JsonIO& io, Time& var)
    if(IsNull(var))
        io.Set(Null);
    else
-    io.Set(Format("%04d%02d%02d`T%02d:%02d:%02d",
+    io.Set(Format("%04d-%02d-%02d`T%02d:%02d:%02d",
                    var.year, var.month, var.day, var.hour, var.minute, var.second));
}
```
