SRP_Time Format

Formats a time using a given locale.

```
Text = SRP_Time("Format", Time, Format = "Short", Locale = "")
```

Returns

Formatted text.

Parameters

Parameter	Description
Time	A time in OI internal format. **(REQUIRED)**
Format	A custom or predefined format. *(OPTIONAL)*
Locale	A locale for culture specific formatting. *(OPTIONAL)*

Remarks

The "Format" service converts an OI time into human readable text, much like OConv. Unlike OConv, however, this service supports infinite formatting options and localization.

Auto Format

You can set *Format* to either "Short" or "Long". In either case, the *Locale* will determine the format. Here are some examples, all formatting the time 3:07:43pm:

Locale	Short Format	Long Format
en-US	3:07 PM	3:07:43 PM
es-ES	15:07	15:07:43
fr-FR	15:07	15:07:43

If you omit *Format* or set it to "", then "Short" will be used.

Custom Format

You can customize the format using a special syntax. You can use any characters in the *Format*, but 'H', 'h', 'M', 'm', 'S', 's', 'A', 'a', 'T', and 't' are reserved characters. Any other character is treated as a literal and is displayed as is. Thus, you may use literal characters in your format to prefix or suffix the date as you choose. If you need to use any reserved characters literally, then surround your literal text in single or double quotes. If you need to display quotes, place two of them side by side. The reserved characters are interpreted as follows:

Character(s)	Displays	Example using 1/14/2020 3:07:43pm	Example using es-ES
h	Hour	15	15
hh	2-digit hour	15	15
m	Minute	7	7
mm	2-digit minute	07	07
s	Second	43	43
ss	2-digit second	43	43
a	a/p	p	p
aa	am/pm	pm	pm
aaa	a.m./p.m.	p.m.	p.m.
A	A/P	P	P
AA	AM/PM	PM	PM

AAA	A.M./P.M.	P.M.	P.M.
t	Abbreviated cultural am/pm	p	p
tt	Cultural am/pm	PM	p

As you can see in the table above, the Locale still affects the output, but only when your format requires it.

Here are some example time formats, all them for the time 3:07:43pm:

Format	en-US	es-ES	fr-FR
h:mm aaa	3:17 p.m.	3:17 p.m.	3:17 p.m.
h:mm:sstt	3:17:43PM	3:17:43p	3:17:43PM
hh:mm:ss	15:17:43	15:17:43	15:17:43

Only uppercase letters are used in the examples here, but lowercase are supported as well. However, we recommend using lowercase for times because S RP_DateTime uses 'M' for months and 'm' for minutes.

Locale

The *Locale* parameter specifies the specific culture used to help render the final text. Omitting *Locale* or setting it "" causes the "Format" service to use the user's current Windows locale setting. If, however, you want to specify your own localization, set this parameter to a locale name.

Examples

```
// Create an OI time
Time = SRP_Time("Encode", 3, 7, 43)

// Format a time using the default format and the current locale
Text = SRP_Time("Format", Time)

// Format a time using the long format and the current locale
Text = SRP_Time("Format", Time, "Long")

// Format a time using the long format and the Spanish language
Text = SRP_Time("Format", Time, "Long", "es")

// Format a time using a custom format and the Spanish-MEXICAN language
Text = SRP_Time("Format", Time, "h:mm:ss tt", "es-MX")
```