

## Ruby master - Feature #3547

### :%:z and %::z for strftime

07/07/2010 09:53 PM - akr (Akira Tanaka)

<b>Status:</b>	Closed
<b>Priority:</b>	Normal
<b>Assignee:</b>	
<b>Target version:</b>	

#### Description

=begin

strftime %:z %::z

```
% ./ruby -e 'p Time.now.strftime("%z %:z %::z")'
"+0900 +09:00 +09:00:00"
```

RFC 822 +hhmm  
XML Schema RFC 3339 W3CDTF +hh:mm

GNU coreutils date %:z  
+hh:mm  
%::z +hh:mm:ss

Ruby %:z %::z

```
% svn diff --diff-cmd diff -x '-u -p'
```

Index: time.c

```
--- time.c (revision 28563)
```

```
+++ time.c (working copy)
```

```
@@ -4346,7 +4346,9 @@ strftimev(const char *fmt, VALUE time)
```

- %X - Preferred representation for the time alone, no date
- %y - Year without a century (00..99)
- %Y - Year with century
  - \* %z - Time zone as hour offset from UTC (e.g. +0900)
  - \* %Z - Time zone as hour and minute offset from UTC (e.g. +0900)
  - \* %:z - hour and minute offset from UTC with a colon (e.g. +09:00)
  - \* %::z - hour, minute and second offset from UTC (e.g. +09:00:00)

- %Z - Time zone name
- %% - Literal '%' character \* Index: strftime.c

```
----- strftime.c (revision 28563) +++
strftime.c (working copy) @@ -215,7 +215,7 @@ rb_strftime_with_timespec(char s, size_ #endif #endif / HAVE_TM_NAME /
#endif / HAVE_TM_ZONE */
◦ int precision, flags;
◦ int precision, flags, colons; char padding; enum {LEFT, CHCASE, LOWER, UPPER, LOCALE_O, LOCALE_E}; #define
BIT_OF(n) (1U<<(n)) @@ -348,6 +348,7 @@ rb_strftime_with_timespec(char *s, size_ precision = -1; flags = 0; padding =
0;
◦ colons = 0; again: switch (*++format) { case '\0': @@ -530,13 +531,31 @@ rb_strftime_with_timespec(char *s, size_
▪ us that muck around with various message processors. / case 'z': /time zone offset east of GMT e.g. -0600 */
◦ if (precision < 4) precision = 4;
◦ NEEDS(precision + 1);
◦ switch (colons) {
◦ case 0: /* %z -> +hhmm */
◦ precision = precision <= 5 ? 2 : precision-3;
◦ NEEDS(precision + 3);
◦ break; +
◦ case 1: /* %:z -> +hh:mm */
◦ precision = precision <= 5 ? 2 : precision-3;
```



=end

**#2 - 07/08/2010 06:07 AM - akr (Akira Tanaka)**

- *Status changed from Open to Closed*

- *% Done changed from 0 to 100*

=begin

This issue was solved with changeset r28572.

Akira, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

=end