

Table 26.2
Conversion Specifiers for
the strftime Function

Conversion	Replacement
%a	Abbreviated weekday name (e.g., Sun)
%A	Full weekday name (e.g., Sunday)
%b	Abbreviated month name (e.g., Jun)
%B	Full month name (e.g., June)
%c	Complete day and time (e.g., Sun Jun 3 17:48:34 2007)
%C [†]	Year divided by 100 and truncated to an integer (00–99)
%d	Day of month (01–31)
%D [†]	Equivalent to %m/%d/%y
%e [†]	Day of month (1–31); a single digit is preceded by a space
%F [†]	Equivalent to %Y-%m-%d
%g [†]	Last two digits of ISO 8601 week-based year (00–99)
%G [†]	ISO 8601 week-based year
%h [†]	Equivalent to %b
%H	Hour on 24-hour clock (00–23)
%I	Hour on 12-hour clock (01–12)
%j	Day of year (001–366)
%m	Month (01–12)
%M	Minute (00–59)
%n [†]	New-line character
%p	AM/PM designator (AM or PM)
%r [†]	12-hour clock time (e.g., 05:48:34 PM)
%R [†]	Equivalent to %H:%M
%S	Second (00–61); maximum value in C99 is 60
%t [†]	Horizontal-tab character
%T [†]	Equivalent to %H:%M:%S
%u [†]	ISO 8601 weekday (1–7); Monday is 1
%U	Week number (00–53); first Sunday is beginning of week 1
%V [†]	ISO 8601 week number (01–53)
%w	Weekday (0–6); Sunday is 0
%W	Week number (00–53); first Monday is beginning of week 1
%x	Complete date (e.g., 06/03/07)
%X	Complete time (e.g., 17:48:34)
%y	Last two digits of year (00–99)
%Y	Year
%z [†]	Offset from UTC in ISO 8601 format (e.g., -0530 or +0200)
%Z	Time zone name or abbreviation (e.g., EST)
%%	%

[†]C99 only

Table 26.3
Replacement Strings for
strftime Conversion
Specifiers in the
"C" Locale

Conversion	Replacement
%a	First three characters of %A
%A	One of "Sunday", "Monday", ..., "Saturday"
%b	First three characters of %B
%B	One of "January", "February", ..., "December"
%c	Equivalent to "%a %b %e %T %Y"
%p	One of "AM" or "PM"
%r	Equivalent to "%I:%M:%S %p"
%x	Equivalent to "%m/%d/%y"
%X	Equivalent to %T
%Z	Implementation-defined