# Day

|  |  |
| --- | --- |
| %a | [Sun – Sat] Abbreviated name for the day |
| %A | [Sunday – Saturday] Full name for the day |
| %d | [01 – 31] Two-digit day of the month (with leading zeros) |
| %e | [1 – 31] Day of the month, with a space preceding single digits. |
| %j | [001 – 366] Day of the year, 3 digits with leading zeros |
| %u | [1 (Mon) – 7 (Sun)] ISO-8601 number for the day of the week |
| %w | [0 (Sunday) – 6 (Saturday)] Number for the day of the week |

# Week

|  |  |
| --- | --- |
| %U | Week number, starting with the first Sunday as the first week |
| %V | ISO-8601:1988 week number, starting with the first week of the year with at least 4 weekdays, with Monday being the start of the week |
| %W | Week number, starting with the first Monday as the first week |

# Month

|  |  |
| --- | --- |
| %b/%h | [Jan – Dec] Abbreviated month name |
| %B | [January – December] Full month name |
| %m | [01 (Jan) – 12 (Dec)] Two digit month |

# Year

|  |  |
| --- | --- |
| %C | [19 for the 20th Century] Two digit century (year divided by 100) |
| %g | [09 for the week of January 6, 2009] Two digit year going by ISO-8601:1988 standards (see %V) |
| %G | [2008 for the week of January 3, 2009] The full four-digit version of %g |
| %y | [09 for 2009, 79 for 1979] Two digit year |
| %Y | [2038] Four digit year |

# Time

|  |  |
| --- | --- |
| %H | [00 – 23] Two digit hour in 24-hour format |
| %k | [0 – 23] Two digit hour in 24-hour format, with a space preceding single digits |
| %I | [01 – 12] Two digit hour in 12-hour format |
| %l | [1 – 12] Hour in 12-hour format, with a space preceding single digits (lower-case L) |
| %M | [00 – 59] Two digit minute |
| %p | Upper-case 'AM' or 'PM' |
| %P | Lower-case 'am' or 'pm' |
| %r | [09:34:17 PM for 21:34:17] Same as "%I:%M:%S %p" |
| %R | [00:35 for 12:35 AM, 16:44 for 4:44 PM] Same as "%H:%M" |
| %S | [00 – 59] Two digit second |
| %T | [21:34:17 for 09:34:17 PM] Same as "%H:%M:%S" |
| %X | [03:59:16 or 15:59:16] Preferred time based on locale, without the date |
| %z | [-0500 for US Eastern Time] The time zone offset. |
| %Z | [EST for Eastern Time] The time zone abbreviation. |

# Time and Date Stamps

|  |  |
| --- | --- |
| %c | [Tue Feb 5 00:45:10 2009 for February 5, 2009 at 12:45:10 AM] Preferred date and time stamp based on locale |
| %D | [02/05/09 for February 5, 2009] Same as "%m/%d/%y" |
| %F | [2009-02-05 for February 5, 2009] Same as "%Y-%m-%d" |
| %s | Unix Epoch Time timestamp |
| %x | [02/05/09 for February 5, 2009] Preferred date based on locale, without the time |

# Miscellaneous

|  |  |
| --- | --- |
| %n | A newline character ("\n") |
| %t | A Tab character ("\t") |
| %% | A literal percentage character ("%") |