Custom date and time format strings

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| --- | --- | --- |
| **Format specifier** | **Description** | **Examples** |
| "d" | The day of the month, from 1 through 31.More information: [The "d" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#dSpecifier). | 2009-06-01T13:45:30 -> 12009-06-15T13:45:30 -> 15 |
| "dd" | The day of the month, from 01 through 31.More information: [The "dd" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#ddSpecifier). | 2009-06-01T13:45:30 -> 012009-06-15T13:45:30 -> 15 |
| "ddd" | The abbreviated name of the day of the week.More information: [The "ddd" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#dddSpecifier). | 2009-06-15T13:45:30 -> Mon (en-US)2009-06-15T13:45:30 -> Пн (ru-RU)2009-06-15T13:45:30 -> lun. (fr-FR) |
| "dddd" | The full name of the day of the week.More information: [The "dddd" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#ddddSpecifier). | 2009-06-15T13:45:30 -> Monday (en-US)2009-06-15T13:45:30 -> понедельник (ru-RU)2009-06-15T13:45:30 -> lundi (fr-FR) |
| "f" | The tenths of a second in a date and time value.More information: [The "f" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#fSpecifier). | 2009-06-15T13:45:30.6170000 -> 62009-06-15T13:45:30.05 -> 0 |
| "ff" | The hundredths of a second in a date and time value.More information: [The "ff" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#ffSpecifier). | 2009-06-15T13:45:30.6170000 -> 612009-06-15T13:45:30.0050000 -> 00 |
| "fff" | The milliseconds in a date and time value.More information: [The "fff" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#fffSpecifier). | 6/15/2009 13:45:30.617 -> 6176/15/2009 13:45:30.0005 -> 000 |
| "ffff" | The ten thousandths of a second in a date and time value.More information: [The "ffff" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#ffffSpecifier). | 2009-06-15T13:45:30.6175000 -> 61752009-06-15T13:45:30.0000500 -> 0000 |
| "fffff" | The hundred thousandths of a second in a date and time value.More information: [The "fffff" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#fffffSpecifier). | 2009-06-15T13:45:30.6175400 -> 617546/15/2009 13:45:30.000005 -> 00000 |
| "ffffff" | The millionths of a second in a date and time value.More information: [The "ffffff" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#ffffffSpecifier). | 2009-06-15T13:45:30.6175420 -> 6175422009-06-15T13:45:30.0000005 -> 000000 |
| "fffffff" | The ten millionths of a second in a date and time value.More information: [The "fffffff" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#fffffffSpecifier). | 2009-06-15T13:45:30.6175425 -> 61754252009-06-15T13:45:30.0001150 -> 0001150 |
| "F" | If non-zero, the tenths of a second in a date and time value.More information: [The "F" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#F_Specifier). | 2009-06-15T13:45:30.6170000 -> 62009-06-15T13:45:30.0500000 -> (no output) |
| "FF" | If non-zero, the hundredths of a second in a date and time value.More information: [The "FF" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#FF_Specifier). | 2009-06-15T13:45:30.6170000 -> 612009-06-15T13:45:30.0050000 -> (no output) |
| "FFF" | If non-zero, the milliseconds in a date and time value.More information: [The "FFF" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#FFF_Specifier). | 2009-06-15T13:45:30.6170000 -> 6172009-06-15T13:45:30.0005000 -> (no output) |
| "FFFF" | If non-zero, the ten thousandths of a second in a date and time value.More information: [The "FFFF" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#FFFF_Specifier). | 2009-06-15T13:45:30.5275000 -> 52752009-06-15T13:45:30.0000500 -> (no output) |
| "FFFFF" | If non-zero, the hundred thousandths of a second in a date and time value.More information: [The "FFFFF" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#FFFFF_Specifier). | 2009-06-15T13:45:30.6175400 -> 617542009-06-15T13:45:30.0000050 -> (no output) |
| "FFFFFF" | If non-zero, the millionths of a second in a date and time value.More information: [The "FFFFFF" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#FFFFFF_Specifier). | 2009-06-15T13:45:30.6175420 -> 6175422009-06-15T13:45:30.0000005 -> (no output) |
| "FFFFFFF" | If non-zero, the ten millionths of a second in a date and time value.More information: [The "FFFFFFF" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#FFFFFFF_Specifier). | 2009-06-15T13:45:30.6175425 -> 61754252009-06-15T13:45:30.0001150 -> 000115 |
| "g", "gg" | The period or era.More information: [The "g" or "gg" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#gSpecifier). | 2009-06-15T13:45:30.6170000 -> A.D. |
| "h" | The hour, using a 12-hour clock from 1 to 12.More information: [The "h" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#hSpecifier). | 2009-06-15T01:45:30 -> 12009-06-15T13:45:30 -> 1 |
| "hh" | The hour, using a 12-hour clock from 01 to 12.More information: [The "hh" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#hhSpecifier). | 2009-06-15T01:45:30 -> 012009-06-15T13:45:30 -> 01 |
| "H" | The hour, using a 24-hour clock from 0 to 23.More information: [The "H" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#H_Specifier). | 2009-06-15T01:45:30 -> 12009-06-15T13:45:30 -> 13 |
| "HH" | The hour, using a 24-hour clock from 00 to 23.More information: [The "HH" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#HH_Specifier). | 2009-06-15T01:45:30 -> 012009-06-15T13:45:30 -> 13 |
| "K" | Time zone information.More information: [The "K" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#KSpecifier). | * With [DateTime](file:///\\en-us\dotnet\api\system.datetime) values:2009-06-15T13:45:30, Kind Unspecified ->2009-06-15T13:45:30, Kind Utc -> Z2009-06-15T13:45:30, Kind Local -> -07:00 (depends on local computer settings)With [DateTimeOffset](file:///\\en-us\dotnet\api\system.datetimeoffset) values:2009-06-15T01:45:30-07:00 --> -07:002009-06-15T08:45:30+00:00 --> +00:00 |
| "m" | The minute, from 0 through 59.More information: [The "m" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#mSpecifier). | 2009-06-15T01:09:30 -> 92009-06-15T13:29:30 -> 29 |
| "mm" | The minute, from 00 through 59.More information: [The "mm" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#mmSpecifier). | 2009-06-15T01:09:30 -> 092009-06-15T01:45:30 -> 45 |
| "M" | The month, from 1 through 12.More information: [The "M" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#M_Specifier). | 2009-06-15T13:45:30 -> 6 |
| "MM" | The month, from 01 through 12.More information: [The "MM" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#MM_Specifier). | 2009-06-15T13:45:30 -> 06 |
| "MMM" | The abbreviated name of the month.More information: [The "MMM" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#MMM_Specifier). | 2009-06-15T13:45:30 -> Jun (en-US)2009-06-15T13:45:30 -> juin (fr-FR)2009-06-15T13:45:30 -> Jun (zu-ZA) |
| "MMMM" | The full name of the month.More information: [The "MMMM" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#MMMM_Specifier). | 2009-06-15T13:45:30 -> June (en-US)2009-06-15T13:45:30 -> juni (da-DK)2009-06-15T13:45:30 -> uJuni (zu-ZA) |
| "s" | The second, from 0 through 59.More information: [The "s" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#sSpecifier). | 2009-06-15T13:45:09 -> 9 |
| "ss" | The second, from 00 through 59.More information: [The "ss" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#ssSpecifier). | 2009-06-15T13:45:09 -> 09 |
| "t" | The first character of the AM/PM designator.More information: [The "t" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#tSpecifier). | 2009-06-15T13:45:30 -> P (en-US)2009-06-15T13:45:30 -> 午 (ja-JP)2009-06-15T13:45:30 -> (fr-FR) |
| "tt" | The AM/PM designator.More information: [The "tt" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#ttSpecifier). | 2009-06-15T13:45:30 -> PM (en-US)2009-06-15T13:45:30 -> 午後 (ja-JP)2009-06-15T13:45:30 -> (fr-FR) |
| "y" | The year, from 0 to 99.More information: [The "y" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#ySpecifier). | 0001-01-01T00:00:00 -> 10900-01-01T00:00:00 -> 01900-01-01T00:00:00 -> 02009-06-15T13:45:30 -> 92019-06-15T13:45:30 -> 19 |
| "yy" | The year, from 00 to 99.More information: [The "yy" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#yySpecifier). | 0001-01-01T00:00:00 -> 010900-01-01T00:00:00 -> 001900-01-01T00:00:00 -> 002019-06-15T13:45:30 -> 19 |
| "yyy" | The year, with a minimum of three digits.More information: [The "yyy" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#yyySpecifier). | 0001-01-01T00:00:00 -> 0010900-01-01T00:00:00 -> 9001900-01-01T00:00:00 -> 19002009-06-15T13:45:30 -> 2009 |
| "yyyy" | The year as a four-digit number.More information: [The "yyyy" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#yyyySpecifier). | 0001-01-01T00:00:00 -> 00010900-01-01T00:00:00 -> 09001900-01-01T00:00:00 -> 19002009-06-15T13:45:30 -> 2009 |
| "yyyyy" | The year as a five-digit number.More information: [The "yyyyy" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#yyyyySpecifier). | 0001-01-01T00:00:00 -> 000012009-06-15T13:45:30 -> 02009 |
| "z" | Hours offset from UTC, with no leading zeros.More information: [The "z" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#zSpecifier). | 2009-06-15T13:45:30-07:00 -> -7 |
| "zz" | Hours offset from UTC, with a leading zero for a single-digit value.More information: [The "zz" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#zzSpecifier). | 2009-06-15T13:45:30-07:00 -> -07 |
| "zzz" | Hours and minutes offset from UTC.More information: [The "zzz" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#zzzSpecifier). | 2009-06-15T13:45:30-07:00 -> -07:00 |
| ":" | The time separator.More information: [The ":" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#timeSeparator). | 2009-06-15T13:45:30 -> : (en-US)2009-06-15T13:45:30 -> . (it-IT)2009-06-15T13:45:30 -> : (ja-JP) |
| "/" | The date separator.More Information: [The "/" Custom Format Specifier](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#dateSeparator). | 2009-06-15T13:45:30 -> / (en-US)2009-06-15T13:45:30 -> - (ar-DZ)2009-06-15T13:45:30 -> . (tr-TR) |
| "*string*"'*string*' | Literal string delimiter.More information: [Character literals](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#Literals). | 2009-06-15T13:45:30 ("arr:" h:m t) -> arr: 1:45 P2009-06-15T13:45:30 ('arr:' h:m t) -> arr: 1:45 P |
| % | Defines the following character as a custom format specifier.More information:[Using Single Custom Format Specifiers](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#UsingSingleSpecifiers). | 2009-06-15T13:45:30 (%h) -> 1 |
| \ | The escape character.More information: [Character literals](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#Literals) and [Using the Escape Character](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#escape). | 2009-06-15T13:45:30 (h \h) -> 1 h |
| Any other character | The character is copied to the result string unchanged.More information: [Character literals](file:///D:\IVolt_Development\ACT_Core\ACT_CORE\ACT_CORE_Solutions\ACT_Core_SharedData\Resources\Assets\CheatSheets\ToString-Format-Info.html#Literals). | 2009-06-15T01:45:30 (arr hh:mm t) -> arr 01:45 A |