

Enumeraties	DateTime Extra	DateTime Extra (cont)
<p>Zo maak je een enum aan:</p> <pre>namespace Progra mmeren { enum Weekdagen {Maandag, Dinsdag, Woensdag, Donderdag, Vrijdag, Zaterdag, Zondag} }</pre> <p>Je kan er vervolgens variabelen met aanmaken:</p> <pre>Weekdagen variab ele Naam;</pre> <p>Vervolgens kan je er waarde aan toekennen:</p> <pre>variab eleNaam = Weekda gen.Ma andag</pre> <p>Je kan het vervolgens omzetten in getal of gewoon een string:</p> <pre>Consol e.W rit eLi ne(\$"{(int) Weekda gen.Ma andag}. {Weekd age n.M aan dag }");</pre>	<p>Enkele Properties:</p> <ul style="list-style-type: none"> - Date - Day - DayOfWeek - DayOfYear - Hour - Millisecond - Minute - Month - Second - Ticks - TimeOfDay - Today - UtcNow - Year <p>voorbeeld:</p> <pre>DateTime moment = new DateTi me(1999, 12, 31, 23, 59, 59, DateTimeKind.Utc);</pre> <p>Datum & tijd formatteren:</p> <pre>WriteL ine (no w.T oSt rin g("d ")); //TI Short; date WriteL ine (no w.T oSt rin g("D ")); //en-US-English WriteL ine (no w.T oSt rin g("F ")); //nl-BE Dutch (Belgium) time WriteL ine (no w.T oSt rin g("M ")); //String parse naar DateTime: WriteL ine (no w.T oSt rin g("o ")); //string variable eleNaam = " 8/1 1/2 WriteL ine (no w.T oSt rin g("R ")); //DateTi me(year, month, day, hours, minutes, seconds, millis econ WriteL ine (no w.T oSt rin g("t ")); //DateTi me(year, month, day, hours, minutes, seconds, millis econ WriteL ine (no w.T oSt rin g("T ")); //DateTi me(year, month, day, hours, minutes, seconds, millis econ WriteL ine (no w.T oSt rin g("Y ")); //if (isLeap == true) {</pre> <p>EXTRA:</p> <ul style="list-style-type: none"> d -> Represents the day of the month as a number from 1 through 31. dd -> Represents the day of the month as a number from 01 through 31. ddd -> Represents the abbreviated name of the day (Mon, Tues, Wed, etc) dddd -> Represents the full name of the day (Monday, Tuesday, etc) h -> 12-hour clock hour (e.g. 4). hh -> 12-hour clock, with a leading 0 (e.g. 06) H -> 24-hour clock hour (e.g. 15) 	<p>HH-> 24-hour clock hour, with a leading 0 (e.g. 06)</p> <p>m-> Minutes</p> <p>mm-> Minutes, with a leading zero</p> <p>M-> Month number(eg.3)</p> <p>MM-> Month number with leading zero(eg.04)</p> <p>MMM-> Abbreviated Month Name (e.g. Dec)</p> <p>MMMM-> Full month name (e.g. December)</p> <p>s-> Seconds</p> <p>ss-> Seconds with leading zero</p> <p>t-> Abbreviated AM / PM (e.g. A or P)</p> <p>tt-> AM / PM (e.g. AM or PM)</p> <p>y-> Year, no leading zero (e.g. 2015 would be 015)</p> <p>yy-> Year, leading zero (e.g. 2015 would be 015)</p> <p>yyy-> Year, (e.g. 2015)</p> <p>yyyy-> Year, (e.g. 2015)</p> <p>Localized time:</p> <pre>Consol e.W rit eLi ne(\$"Cu rrent CultureInfo info = new Cultu WriteL ine (no w.T oSt rin g("d ")); //TI Short; date WriteL ine (no w.T oSt rin g("D ")); //en-US-English WriteL ine (no w.T oSt rin g("F ")); //nl-BE Dutch (Belgium) time WriteL ine (no w.T oSt rin g("M ")); //String parse naar DateTime: WriteL ine (no w.T oSt rin g("o ")); //string variable eleNaam = " 8/1 1/2 WriteL ine (no w.T oSt rin g("R ")); //DateTi me(year, month, day, hours, minutes, seconds, millis econ WriteL ine (no w.T oSt rin g("t ")); //DateTi me(year, month, day, hours, minutes, seconds, millis econ WriteL ine (no w.T oSt rin g("T ")); //DateTi me(year, month, day, hours, minutes, seconds, millis econ WriteL ine (no w.T oSt rin g("Y ")); //if (isLeap == true) {</pre> <p>Schrikkeljaar</p> <pre>bool isLeap = DateTi me.I sL eap Y if (isLeap == true) { Consol e.W rit eLi ne("This y d -> Represents the day of the month as a number from 1 through 31. dd -> Represents the day of the month as a number from 01 through 31. ddd -> Represents the abbreviated name of the day (Mon, Tues, Wed, etc) dddd -> Represents the full name of the day (Monday, Tuesday, etc) h -> 12-hour clock hour (e.g. 4). hh -> 12-hour clock, with a leading 0 (e.g. 06) H -> 24-hour clock hour (e.g. 15)</pre>
<p>Symbolen classes</p> <ul style="list-style-type: none"> Groen leeg bolletje = public attribuut Rood leeg vierkantje = private attribuut Onderlijnt = static Groen vol bolletje = methode 		
<p>DateTime</p> <p>Geeft de huidige tijd weer:</p> <pre>DateTime variab eleNaam = DateTi me.No w;</pre> <p>Geeft een custom tijd weer:</p> <pre>DateTime variab eleNaam = new DateTi me(year, month, day, hours, minutes, seconds, millis econ DateTi me(year, month, day, hours, minutes, seconds, millis econ d);</pre> <p>Voeg data toe:</p> <ul style="list-style-type: none"> - AddDays - AddHours - ddMilliseconds - AddMinutes - AddMonths - AddSeconds - AddTicks - AddYears <p>voorbeeld:</p> <pre>DateTime variab eleNaam = DateTi me.No w; DateTi me variab eleNaam = timeNo w.A ddY ears(5);</pre>		

