[Date and Time in Python](http://www.pythonforbeginners.com/basics/python-datetime-timedelta/)

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Date and Time in Python

In my last post about datetime & time modules in Python, I mostly used the

strftime(format) method to print out the dates and times.

In this post, I will show you how you can do it without that by just using

datetime.datetime.now() .

The second part of the post is about the the timedelta class, in which we can see

the difference between two date, time, or datetime instances to microsecond

resolution.

Date and Time Script

The last example is a short script for counting how many days there is left for

any given date (birthday in this example).

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22 | import datetime  now = datetime.datetime.now()  print "-" \* 25  print now  print now.year  print now.month  print now.day  print now.hour  print now.minute  print now.second    print "-" \* 25  print "1 week ago was it: ", now - datetime.timedelta(weeks=1)  print "100 days ago was: ", now - datetime.timedelta(days=100)  print "1 week from now is it: ",  now + datetime.timedelta(weeks=1)  print "In 1000 days from now is it: ", now + datetime.timedelta(days=1000)    print "-" \* 25  birthday = datetime.datetime(2012,11,04)    print "Birthday in ... ", birthday - now  print "-" \* 25 |

You should see an output simimlar to this:

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16 | -------------------------  2012-10-03 16:04:56.703758  2012  10  3  16  4  56  -------------------------  The date and time one week ago from now was:  2012-09-26 16:04:56.703758  100 days ago was:  2012-06-25 16:04:56.703758  One week from now is it:  2012-10-10 16:04:56.703758  In 1000 days from now is it:  2015-06-30 16:04:56.703758  -------------------------  Birthday in ...  31 days, 7:55:03.296242  ------------------------- |

I found this blog post at saltycrane.com that I liked and want to share:

<http://www.saltycrane.com/blog/2008/06/how-to-get-current-date-and-time-in/>