

datetime

The datetime module (built into Python) can be imported into projects to work with dates and times, as well as intervals and durations.

```
import datetime
```

date:

```
my_date = datetime.date(year, month, day)
```

year, month, day are integers in the "real" date ranges (12 months and 31 days maximum). We can also extract the year, month and day individually:

```
year = my_date.year  
month = my_date.month  
day = my_date.day
```

```
today = datetime.date.today()
```

get current date

time:

```
my_time = datetime.time(hour, minute, second, microsecond)
```

All arguments are optional (0 is assumed if not provided), and must be between 0 and 24 for hours, 0 and 60 for minutes and seconds, and 0 and 1,000,000 for microseconds.

date & time:

combine dates and times

```
date_time = datetime.datetime(year, month, day, hour, minute, second, microsec)
```

```
right_now = datetime.datetime.now()
```

get current date and time

```
hour = right_now.hour  
minute = right_now.minute  
second = right_now.second
```

get hours, minutes and seconds