

# Date and Time for Nine Million Java Developers

Stephen Colebourne  
Andrew Main (presenter)

2013-05-30

## JSR-310 data classes

LocalDate	2012-06-30
LocalTime	12:30
LocalDateTime	2012-06-30T12:30
OffsetDate	2012-06-30T +01:00
OffsetTime	12:30+01:00
OffsetDateTime	2012-06-30T12:30+01:00
ZonedDateTime	2012-06-30T12:30+01:00 Europe/London
Instant	2013-06-30T13:30Z
Duration	P31881900s
Period	P1y4d5m

## EOP extract from IERS

MJD	date	error/s	(UT1-UTC)/s
41317.0	1972-01-01T00	0.0019000	-0.0454859
41318.0	1972-01-02T00	0.0019000	-0.0481008
[. . .]			
41497.0	1972-06-29T00	0.0019000	-0.6324066
41498.0	1972-06-30T00	0.0019000	-0.6349935
41499.0	1972-07-01T00	0.0019000	0.3621956
41500.0	1972-07-02T00	0.0019000	0.3592006
[. . .]			
41623.0	1972-11-02T00	0.0019000	0.0059321
41624.0	1972-11-03T00	0.0019000	0.0026121
41625.0	1972-11-04T00	0.0019000	-0.0005848
41626.0	1972-11-05T00	0.0019000	-0.0036308