

## Joda Date and Time API –

- Separate class for date and time.
- `LocalDate` and `LocalTime` – these classes are representing the time in seconds and nano seconds. [Represent the time from 1<sup>st</sup> January 1970].
- When these nano seconds are equal to 1 second, again they [nano seconds] start from zero onwards. So actually, nano seconds are counter, these nano seconds will be increasing and once they become one second, and this second will be incremented and again nano seconds starts from zero.
- These classes are immutable, we cannot change date or time. But whenever we are changing, we will get a new object of type `LocalDate`. SEE THIS IN DEMO.

// An object is considered *immutable* if its state cannot change after it is constructed. Maximum reliance on immutable objects is widely accepted as a sound strategy for creating simple, reliable code. Immutable objects are particularly useful in concurrent applications. Since they cannot change state, they cannot be corrupted by thread interference or observed in an inconsistent state.