



Logo

Scheduling

To schedule job in spring boot application to run periodically, spring boot provides `@EnableScheduling` and `@Scheduled` annotations

The simple rules that need to be followed to annotate a method with `@Scheduled` are:

- a method should have void return type
- a method should not accept any parameters

Add `@EnableScheduling` annotation to your spring boot application class. `@EnableScheduling` is a Spring Context module annotation. It internally imports the `SchedulingConfiguration` via the `@Import(SchedulingConfiguration.class)` instruction.

```
@SpringBootApplication
@EnableScheduling
public class SpringBootWebApplication {
}
```

Execute a task at a fixed interval of time

```
@Scheduled(initialDelay = 1000, fixedRate = 10000)
public void run() {
    logger.info("Current time is :: " + Calendar.getInstance().getTime());
}
```

Schedule task at fixed delay

Configure a task to run after a fixed delay. In given example, the duration between the end of last execution and the start of next execution is fixed. The task always waits until the previous one is finished.

```
@Scheduled(fixedDelay = 10000)
public void run() {
    system.out.println("Current time"+Calendar.getInstance().getTime());
}
```

