

# Spring Professional Exam Tutorial v5.0

## Question 17

## Question 17 - What do you have to do, if you would like to inject something into a private field? How does this impact testing?

Injection of dependency into private field can be done with `@Autowired` annotation:

```
@Autowired
private ReportWriter reportWriter;
```

Injection of property into private field can be done with `@Value` annotation:

```
@Value("${report.global.name}")
private String reportGlobalName;
```

Private Field cannot be accessed from outside of the class, to resolve this when writing Unit Test you can use following solutions:

- ▶ Use `SpringRunner` with `ContextConfiguration` and `@MockBean`
- ▶ Use `ReflectionTestUtils` to modify private fields
- ▶ Use `MockitoJUnitRunner` to inject mocks
- ▶ Use `@TestPropertySource` to inject test properties into private fields

