

Testing with Spring

AnnotationConfigContextLoader

@DirtyContext

@ActiveProfiles

@ContextConfiguration

@Profile

@RunWith

Spring Test

- `@RunWith(SpringJUnit4ClassRunner.class)` - caches an `ApplicationContext` across test methods. All the tests are run in the same context, using the same dependencies
- `@ContextConfiguration` - tells the runner class where the bean definitions come from

Spring Test

- AnnotationConfigContextLoader - loads bean definitions from annotated classes. So a configuration class can be created directly in the test class to create the beans needed to be tested in isolation.
- @DirtiesContext - Use this annotation if a test has modified the context — for example, by modifying the state of a singleton bean, modifying the state of an embedded database, etc. Subsequent tests that request the same context will be supplied a new context.

Profiles

- `@Profile` - classes become eligible for registration when one or more profiles are active
- `@ActiveProfiles("dev")` - Activating profile with the given name

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