

# Spring MVC JUnit Mock Standalone Configuration

## Maven Dependencies

```
<properties>
  <spring.test>4.1.4.RELEASE</spring.test>
  <junit.version>4.12</junit.version>
  <hamcrest.version>1.3</hamcrest.version>
  <mockito.all>2.0.2-beta</mockito.all>
</properties>

<dependencies>
<dependency>
  <groupId>org.springframework</groupId>
  <artifactId>spring-test</artifactId>
  <version>${spring.test}</version>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <version>${junit.version}</version>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.hamcrest</groupId>
  <artifactId>hamcrest-library</artifactId>
  <version>${hamcrest.version}</version>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.mockito</groupId>
  <artifactId>mockito-all</artifactId>
  <version>${mockito.all}</version>
  <scope>test</scope>
</dependency>
</dependencies>
```

## Example Usage

```
import org.junit.Before;
import org.junit.Test;
import org.junit.runner.RunWith;
import org.mockito.InjectMocks;
import org.mockito.runners.MockitoJUnitRunner;
import org.springframework.test.web.servlet.MockMvc;
import org.springframework.test.web.servlet.setup.MockMvcBuilders;
import org.springframework.web.servlet.ModelAndView;

import java.util.List;

import static org.junit.Assert.assertEquals;
import static org.junit.Assert.assertNotEquals;
import static org.springframework.test.web.servlet.request.MockMvcRequestBuilders.get;
```

```
import static org.springframework.test.web.servlet.result.MockMvcResultMatchers.status;

@RunWith(MockitoJUnitRunner.class)
public class GumrukServiceUtilTest {
    @InjectMocks
    private AdminController adminController;

    private MockMvc mockMvc;

    @Before
    public void setup() {
        // Setup Spring test in standalone mode
        this.mockMvc = MockMvcBuilders.standaloneSetup(adminController).build();
    }

    @Test
    public void testKayitliBelgeVerileri() throws Exception {
        ModelAndView modelAndView = mockMvc.perform(get("/yonetim")).
            andExpect(status().isOk()).andReturn().getModelAndView();
        assertEquals("yonetim/index", modelAndView.getViewName());
    }
}
```

At Line 19 we have to use `@InjectMocks` annotation if we want to use standalone initialization specified at line 27.