



SPRING



THYMELEAF

Configurer Thymeleaf

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Thymeleaf est un moteur de rendu pleinement compatible avec Spring

- Dépendances **thymeleaf-spring5** et **thymeleaf-layout-dialect**

Configuration

- D'un **ViewResolver**
- D'un **TemplateEngine**
- D'un **TemplateResolver**

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Coniguration du Bean du **TemplateResolver**

```
<bean id="templateResolver" class="org.thymeleaf.spring5.templateresolver.SpringResourceTemplateResolver">  
  <property name="prefix" value="/WEB-INF/templates/" />  
  <property name="suffix" value=".html" />  
  <property name="templateMode" value="HTML" />  
</bean>
```

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Bean du **TemplateEngine** à configurer

- Pour lequel on donnera la référence du bean **TemplateResolver**
- On lui ajoutera également le dialect **LayoutDialect**

```
<bean id="templateEngine" class="org.thymeleaf.spring5.SpringTemplateEngine">
  <property name="templateResolver" ref="templateResolver" />
  <property name="enableSpringELCompiler" value="true" />
  <property name="additionalDialects">
    <set>
      <bean class="nz.net.ultraq.thymeleaf.LayoutDialect"/>
    </set>
  </property>
</bean>
```

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Bean du **ViewResolver** dans Spring

- Pour lequel on donnera la référence du bean **TemplateEngine**

```
<bean id="viewResolver" class="org.thymeleaf.spring5.view.ThymeleafViewResolver">  
  <property name="templateEngine" ref="templateEngine" />  
</bean>
```

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Définition du @Bean **TemplateResolver**

```
@Bean
public SpringResourceTemplateResolver templateResolver() {
    SpringResourceTemplateResolver templateResolver = new SpringResourceTemplateResolver();

    templateResolver.setPrefix("/WEB-INF/templates/");
    templateResolver.setSuffix(".html");

    return templateResolver;
}
```

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Définition du @Bean **TemplateEngine**

```
@Bean
public SpringTemplateEngine templateEngine(SpringResourceTemplateResolver templateResolver) {
    SpringTemplateEngine templateEngine = new SpringTemplateEngine();

    templateEngine.setTemplateResolver(templateResolver);
    templateEngine.setEnableSpringELCompiler(true);
    templateEngine.addDialect(new LayoutDialect());

    return templateEngine;
}
```


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Définition du @Bean **ViewResolver**

```
@Bean
public ThymeleafViewResolver viewResolver(SpringTemplateEngine templateEngine) {
    ThymeleafViewResolver viewResolver = new ThymeleafViewResolver();

    viewResolver.setTemplateEngine(templateEngine);
    return viewResolver;
}
```

EXERCICE

Implémenter Thymeleaf

Mettre en place le layout (la structure) du site

- Basé sur Bootstrap
- Titre
- Navigation (menu)
- Contenu dynamique

Mettre à jour le CRUD de « produit »