

# SpringBoot 基础知识

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原文链接: <https://ld246.com/article/1601263224160>

来源网站: [链滴](#)

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## <p><a href="https://ld246.com/forward?goto=https%3A%2F%2Fspring.io%2Fprojects%2Fspring-boot" target="\_blank" rel="nofollow ugc">地址</a></p> <p>src/main/java: 存放代码<br>src/main/resources<br>static: 存放静态文件,比如 css、js、image (访问方式 <a href="https://ld246.com/forward?goto=ttp%3A%2F%2Flocalhost%3A8080%2Fjs%2Fmain.js" target="\_blank" rel="nofollow ugc">http //localhost:8080/js/main.js</a><br>templates: 存放静态页面 jsp、html、tpl<br>config: 存放配置文件,application.properties<br>resources:</p> <p>从 META/resources &gt; resources &gt; static &gt; public 里面找是否存在相应的资源,如果则直接返回,不在默认加载的目录,则找不到</p> <p>spring.resources.static-locations = classpath:/META-INF/resources/,classpath:/resources/,lasspath:/static/,classpath:/public/</p> <p><a href="https://ld246.com/forward?goto=https%3A%2F%2Fdocs.spring.io%2Fspring-boot%2Fdocs%2Fcurrent%2Freference%2Fhtml%2Fspring-boot-features.html%23boot-features-spring-mvc-static-content" target="\_blank" rel="nofollow ugc">官网地址</a></p> - <li>当启动类和 controller 在同一类中时,在该类上添加注解 @Controller 即可;</li> - <li>当启动类和 controller 分开时,启动类要放在根目录下,启动类上只需要注解 @SpringBootApplication;</li> - <li>当启动类和 controller 分开时,如果启动类在非根目录下,需要在启动类中增加注解 @ComponentScan,并配置需要扫描的包名, 如(basePackages = )</li> - <li>@ComponentScan(basePackages = {"net.xdclass.controller", "net.xdclass.service"})</li> - </li> - </ul> - <li>restful 协议</li> - </ul> ``` <pre><code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">@RequestMapping(path = "{参数1}/{参数2}", method = RequestMethod.GET)</span></span><span class="highlight-line"><span class="highlight-cl">public Object findUser(@PathVariable("city_id") String cityId,@PathVariable("user_id") String userId ){ }</span></span></code></pre> ``` - <li>GetMapping</li> - </ul> ``` <pre><code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">@GetMapping(value="/v1/page_user")</span></span><span class="highlight-line"><span class="highlight-cl">public Object pageUser(int from, int size){ }</span></span></code></pre> ``` - </ul>

<li>默认值, 是否必须的参数</li>

</ul>

```
<code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">@GetMapping(value="/v1/page_user2")
</span></span><span class="highlight-line"><span class="highlight-cl">public Object pag
UserV2(@RequestParam(defaultValue="0",name="page") int from, int size){ }
</span></span></code></pre>
```

<ul>

<li>bean 对象传参</li>

</ul>

```
<code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">@RequestMapping("/v1/save_user")
</span></span><span class="highlight-line"><span class="highlight-cl">public Object sav
User(@RequestBody User user){ }
</span></span></code></pre>
```

<ul>

<li>获取 http 头信息</li>

</ul>

```
<code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">@GetMapping("/v1/get_header")
</span></span><span class="highlight-line"><span class="highlight-cl">public Object get
eader(@RequestHeader("access_token") String accessToken, String id){ }
</span></span></code></pre>
```

<ul>

<li>ServletRequest 获取参数</li>

</ul>

```
<code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">@GetMapping("/v1/test_request")
</span></span><span class="highlight-line"><span class="highlight-cl">public Object test
request(HttpServletRequest request){
</span></span><span class="highlight-line"><span class="highlight-cl">    params.clear();
</span></span><span class="highlight-line"><span class="highlight-cl">    String id = req
est.getParameter("id");
</span></span><span class="highlight-line"><span class="highlight-cl">    params.put("id",
id);
</span></span><span class="highlight-line"><span class="highlight-cl">    return params;
</span></span><span class="highlight-line"><span class="highlight-cl">>}
</span></span></code></pre>
```

<ul>

<li>PostMapping</li>

</ul>

```
<code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">@PostMapping("/v1/login")
</span></span><span class="highlight-line"><span class="highlight-cl">public Object logi
(String id, String pwd){ }
</span></span></code></pre>
```

<ul>

<li>PutMapping</li>

</ul>

```
<code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">@PutMapping("/v1/put")
</span></span><span class="highlight-line"><span class="highlight-cl">public Object put(
tring id){ }
</span></span></code></pre>
```

```

<ul>
<li>DeleteMapping</li>
</ul>
<pre> <code class="highlight-chroma"> <span class="highlight-line"> <span class="highlight-cl"> @DeleteMapping("/v1/del")
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> public Object del(
tring id){ }
</span> </span> </code> </pre>
<h2 id="jackson处理相关自动">jackson 处理相关自动</h2>
<ul>
<li>指定字段不返回:
<pre> <code class="highlight-chroma"> <span class="highlight-line"> <span class="highlight-cl"> @JsonIgnore
</span> </span> </code> </pre>
</li>
<li>指定日期格式:
<pre> <code class="highlight-chroma"> <span class="highlight-line"> <span class="highlight-cl"> @JsonFormat( pattern="yyyy-MM-dd hh:mm:ss",locale="zh",timezone="GMT+8" )
</span> </span> </code> </pre>
</li>
<li>空字段不返回:
<pre> <code class="highlight-chroma"> <span class="highlight-line"> <span class="highlight-cl"> @JsonInclude( Include.NON_NULL )
</span> </span> </code> </pre>
</li>
<li>指定别名:
<pre> <code class="highlight-chroma"> <span class="highlight-line"> <span class="highlight-cl"> @JsonProperty
</span> </span> </code> </pre>
</li>
</ul>
<h2 id="Dev-tool热部署">Dev-tool 热部署</h2>
<p> <a href="https://ld246.com/forward?goto=https%3A%2F%2Fdocs.spring.io%2Fspring-b
ot%2Fdocs%2F2.1.0.BUILD-SNAPSHOT%2Freference%2Fhtmlsingle%2F%23using-boot-devto
ls" target="_blank" rel="nofollow ugc">官方文档</a> </p>
<h2 id="核心依赖包">核心依赖包</h2>
<pre> <code class="highlight-chroma"> <span class="highlight-line"> <span class="highlight-cl"> &lt;dependency&gt;
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> &lt;groupId&gt;
org.springframework.boot&lt;/groupId&gt;
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> &lt;artifactId&g
;spring-boot-devtools&lt;/artifactId&gt;
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> &lt;optional&gt;
true&lt;/optional&gt;
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> &lt;/dependency
&gt;
</span> </span> </code> </pre>
<h2 id="不被热部署的文件">不被热部署的文件</h2>
<p>/META-INF/maven、/META-INF/resources、/resources、/static、/public、/templates</p>

<h2 id="指定文件不进行热部署">指定文件不进行热部署</h2>
<p>spring.devtools.restart.exclude=static/,public/</p>
<h2 id="手工触发重启">手工触发重启</h2>
<p>spring.devtools.restart.trigger-file=trigger.txt</p>

```

<h2 id="配置文件">配置文件</h2>

<h2 id="application-properties">application.properties</h2>

```
<pre> <code class="highlight-chroma"> <span class="highlight-line"> <span class="highlight-cl">server.port=8090
</span> </span> <span class="highlight-line"> <span class="highlight-cl">server.session-tim
out=30
</span> </span> <span class="highlight-line"> <span class="highlight-cl">server.tomcat.max
threads=0
</span> </span> <span class="highlight-line"> <span class="highlight-cl">server.tomcat.uri-
ncoding=UTF-8
</span> </span> </code> </pre>
```

<h2 id="application.yml">application.yml</h2>

```
<pre> <code class="highlight-chroma"> <span class="highlight-line"> <span class="highlight-cl">server:
</span> </span> <span class="highlight-line"> <span class="highlight-cl">port: 8090
</span> </span> <span class="highlight-line"> <span class="highlight-cl">session-timeout:
0
</span> </span> <span class="highlight-line"> <span class="highlight-cl">tomcat.max-threa
s: 0
</span> </span> <span class="highlight-line"> <span class="highlight-cl">tomcat.uri-encodi
g: UTF-8
</span> </span> </code> </pre>
```

<p> <a href="https://ld246.com/forward?goto=https%3A%2F%2Fdocs.spring.io%2Fspring-b
ot%2Fdocs%2F2.1.0.BUILD-SNAPSHOT%2Freference%2Fhtmlsingle%2F%23common-applicat
on-properties" target="\_blank" rel="nofollow ugc">官方参考</a> </p>