

Spock 使用教程（一）之环境搭建

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原文链接: <https://ld246.com/article/1573382043011>

来源网站: [链滴](#)

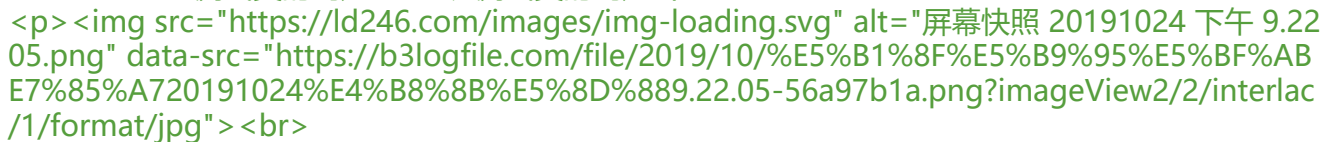
许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

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>work.
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><span class="highlight-w"> </span><span class="highlight-n">setup</span><span class
"highlight-w"> </span><span class="highlight-n">phase</span><span class="highlight-p">
</span><span class="highlight-w"> </span><span class="highlight-n">that</span><span
lass="highlight-w"> </span><span class="highlight-k">is</span><span class="highlight-w
"> </span><span class="highlight-n">why</span><span class="highlight-w"> </span><sp
n class="highlight-n">the</span><span class="highlight-w"> </span><span class="highlig
t-n">mock</span><span class="highlight-w"> </span><span class="highlight-n">must</s
an><span class="highlight-w"> </span><span class="highlight-n">be</span><span class=
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s="highlight-w"> </span><span class="highlight-k">when</span><span class="highlight-w
"> </span><span class="highlight-n">the</span><span class="highlight-w"> </span><spa
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t-k">is</span><span class="highlight-w"> </span><span class="highlight-n">initialized</
pan><span class="highlight-p">.</span><span class="highlight-w">
</span></span></span></code></pre>
```

1.2. 测试类的创建

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测试样例:

```
<pre><code class="highlight-chroma"><span class="highlight-line"><span class="highlight
cl">class MathSpec extends Specification {
</span></span><span class="highlight-line"><span class="highlight-cl">  def setup() {
</span></span><span class="highlight-line"><span class="highlight-cl">  def "maximum of
two numbers"() {
</span></span><span class="highlight-line"><span class="highlight-cl">    expect:
</span></span><span class="highlight-line"><span class="highlight-cl">    // exercise math
method for a few different inputs
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"> Math.max(1, 3)
== 3
</span></span><span class="highlight-line"><span class="highlight-cl"> Math.max(7, 4)
== 7
</span></span><span class="highlight-line"><span class="highlight-cl"> Math.max(0, 0)
== 0
</span></span><span class="highlight-line"><span class="highlight-cl"> }
</span></span><span class="highlight-line"><span class="highlight-cl">}</span></span></code></pre>
<p>简单的测试可以，后续继续介绍 spock 的简单的语法。</p>
<h4 id="1-3-基本的构造块">1.3、基本的构造块</h4>
<p>Spock 提供了如下基本构造块：</p>
<ul>
<li>where: 以表格的形式提供测试数据集合</li>
<li>when: 触发行为，比如调用指定方法或函数</li>
<li>then: 做出断言表达式</li>
<li>expect: 期望的行为，when-then 的精简版</li>
<li>given: mock 单测中指定 mock 数据</li>
<li>thrown: 如果在 when 方法中抛出了异常，则在这个子句中会捕获到异常并返回</li>
<li>def setup() {} : 每个测试运行前的启动方法</li>
<li>def cleanup() {} : 每个测试运行后的清理方法</li>
<li>def setupSpec() {} : 第一个测试运行前的启动方法</li>
<li>def cleanupSpec() {} : 最后一个测试运行后的清理方法</li>
</ul>
<p>使用这些基本构造块来编写单测。</p>
```