

# RESTFul 风格 API 设计

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原文链接: <https://ld246.com/article/1498362333874>

来源网站: [链滴](#)

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### 修订记录

日期	修订版本	修订章节	修改描述	作者	
20170623	V1.0	全文	新增	某某	

### 注意事项

- 类型是属性类型，只有 String、Number、Object、Array
- 编码格式默认为 utf-8

### 接口说明

**1. 商品新增[单个]**

- 请求地址: `post /api/{version}/products`
- 请求参数:

字段	说明	类型	备注	是否必填
name	商品名	String	...	是
price				

```

<td>价格</td>
<td>Number</td>
<td>...</td>
<td>是</td>
</tr>
<tr>
<td>id</td>
<td>商品编号</td>
<td>String</td>
<td>...</td>
<td>是</td>
</tr>
</tbody>
</table>
<ul>
<li>返回参数:</li>
</ul>
<table>
<thead>
<tr>
<th>字段</th>
<th>说明</th>
<th>类型</th>
<th>备注</th>
<th>是否必填</th>
</tr>
</thead>
<tbody>
<tr>
<td>code</td>
<td>返回码</td>
<td>Number</td>
<td></td>
<td>是</td>
</tr>
<tr>
<td>message</td>
<td>返回码说明</td>
<td>Number</td>
<td></td>
<td>是</td>
</tr>
</tbody>
</table>
<p><strong>2. 商品新增[批量]</strong></p>
<ul>
<li>请求地址: post /api/{version}/products</li>
<li>请求参数: </li>
</ul>
<table>
<thead>
<tr>
<th>字段</th>
<th>说明</th>

```

```

<th>类型</th>
<th>备注</th>
<th>是否必填</th>
</tr>
</thead>
<tbody>
<tr>
<td>datas</td>
<td>商品数据数组</td>
<td>Array</td>
<td>...</td>
<td>是</td>
</tr>
</tbody>
</table>
<p>其中，datas 中的一个 data: </p>
<table>
<thead>
<tr>
<th>字段</th>
<th>说明</th>
<th>类型</th>
<th>备注</th>
<th>是否必填</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>商品名</td>
<td>String</td>
<td>...</td>
<td>是</td>
</tr>
<tr>
<td>price</td>
<td>价格</td>
<td>Number</td>
<td>...</td>
<td>是</td>
</tr>
<tr>
<td>id</td>
<td>商品编号</td>
<td>String</td>
<td>...</td>
<td>是</td>
</tr>
</tbody>
</table>
<ul>
<li>返回参数:</li>
</ul>
<table>

```

```

<thead>
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<th>备注</th>
<th>是否必填</th>
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</thead>
<tbody>
<tr>
<td>code</td>
<td>返回码</td>
<td>Number</td>
<td></td>
<td>是</td>
</tr>
<tr>
<td>message</td>
<td>返回码说明</td>
<td>Number</td>
<td></td>
<td>是</td>
</tr>
</tbody>
</table>
<p><strong>3. 查看商品详情</strong></p>
<ul>
<li>请求地址: get /api/{version}/products/{id}</li>
<li>请求参数: </li>
</ul>
<table>
<thead>
<tr>
<th>字段</th>
<th>说明</th>
<th>类型</th>
<th>备注</th>
<th>是否必填</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>是</td>
<td>Number</td>
<td>...</td>
<td>是</td>
</tr>
</tbody>
</table>
<ul>
<li>返回参数: </li>
</ul>

```

```

<table>
<thead>
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<th>字段</th>
<th>说明</th>
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<th>备注</th>
<th>是否必填</th>
</tr>
</thead>
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<tr>
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<td>Number</td>
<td></td>
<td>是</td>
</tr>
<tr>
<td>message</td>
<td>返回码说明</td>
<td>Number</td>
<td></td>
<td>是</td>
</tr>
<tr>
<td>data</td>
<td>返回结果</td>
<td>Object</td>
<td></td>
<td>是</td>
</tr>
</tbody>
</table>
<p>其中, data: </p>
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<tr>
<th>字段</th>
<th>说明</th>
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<th>是否必填</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>商品名</td>
<td>String</td>
<td>...</td>
<td>是</td>
</tr>
<tr>

```

```

<td>price</td>
<td>价格</td>
<td>Number</td>
<td>...</td>
<td>是</td>
</tr>
<tr>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>
<ul>
<li></li>
</ul>
<p><strong>4. 查看商品详情列表</strong></p>
<ul>
<li>请求地址: get /api/{version}/products</li>
<li>请求参数: </li>
</ul>
<table>
<thead>
<tr>
<th>字段</th>
<th>说明</th>
<th>类型</th>
<th>备注</th>
<th>是否必填</th>
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<ul>
<li>返回参数: </li>
</ul>
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</thead>
<tbody>
<tr>
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<td>返回码</td>
<td>Number</td>
<td></td>
<td>是</td>

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</tr>
<tr>
<td>message</td>
<td>返回码说明</td>
<td>Number</td>
<td></td>
<td>是</td>
</tr>
<tr>
<td>datas</td>
<td>返回结果</td>
<td>Array</td>
<td></td>
<td>是</td>
</tr>
</tbody>
</table>
<p>其中, datas: </p>
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<thead>
<tr>
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<tr>
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<td>String</td>
<td>...</td>
<td>是</td>
</tr>
<tr>
<td>price</td>
<td>价格</td>
<td>Number</td>
<td>...</td>
<td>是</td>
</tr>
<tr>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>
<ul>
<li></li>

```



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</ul>
<p><strong>5. 修改商品状态</strong></p>
<ul>
<li>请求地址: put /api/{version}/products/{id}/{status}</li>
<li>请求参数</li>
</ul>
<table>
<thead>
<tr>
<th>字段</th>
<th>说明</th>
<th>类型</th>
<th>备注</th>
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</thead>
<tbody>
<tr>
<td>id</td>
<td>是</td>
<td>Number</td>
<td>...</td>
<td>是</td>
</tr>
<tr>
<td>status</td>
<td>是</td>
<td>Number</td>
<td>...</td>
<td>是</td>
</tr>
</tbody>
</table>
<ul>
<li>返回参数</li>
</ul>
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<td>是</td>
</tr>

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<tr>
<td>message</td>
<td>返回码说明</td>
<td>String</td>
<td></td>
<td>是</td>
</tr>
</tbody>
</table>
<p><strong>6. 删除商品</strong></p>
<ul>
<li>请求地址: delete /api/{version}/products/{id}</li>
<li>请求参数: </li>
</ul>
<table>
<thead>
<tr>
<th>字段</th>
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</tr>
<tr>
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<td></td>
<td>是</td>
</tr>
</tbody>
</table>
<h3 id="通用例子">通用例子</h3>
<ul>
<li>GET /products : 返回所有商品列表</li>
<li>POST /products : 将商品加入到里商品列表中</li>
<li>GET /products/4 : 获得 4 号商品</li>
<li>PATCH/PUT /products/4 : 更新 4 号商品</li>
<li>DELETE /products/4 : 删除 4 号商品</li>
</ul>
<h3 id="参考资料">参考资料</h3>
<ul>
<li><a href="https://ld246.com/forward?goto=https%3A%2F%2Fcrzidea.com%2F2016%2F0%2F12%2Fkoa-restql%2F" target="_blank" rel="nofollow ugc">https://crzidea.com/2016/08/2/koa-restql/</a></li>
<li><a href="https://ld246.com/forward?goto=https%3A%2F%2Fwww.zhihu.com%2Fquestio%2F36706936" target="_blank" rel="nofollow ugc">https://www.zhihu.com/question/3670696</a></li>
<li><a href="https://ld246.com/forward?goto=https%3A%2F%2Fwww.zhihu.com%2Fquestio%2F28557115" target="_blank" rel="nofollow ugc">https://www.zhihu.com/question/2855715</a></li>
</ul>
```