



链滴

# Apache HttpClient 基本用法

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来源网站: [链滴](#)

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<p><strong>GET:</strong></p>

```
<pre class="brush: java">HttpClient httpClient = new DefaultHttpClient();
HttpGet httpget = new HttpGet("&http://localhost/&");
HttpResponse response = httpClient.execute(httpget);
HttpEntity entity = response.getEntity();
if (entity != null) {
    //读取流
    InputStream instream = entity.getContent();
    //读取字符串
    String rpString=EntityUtils.toString(entity);
    //读取字节
    byte[] btArray=EntityUtils.toByteArray(httpentity);
    //请求关闭
    httpget.abort();
    //另一种关闭方式
    //httpClient.getConnectionManager().shutdown();
}
</pre>
```

<p><strong>&nbsp;  POST:</strong></p>

```
<pre class="brush: java"> /*ClientConnectionManager connManager = new PoolingClientCo
nnectionManager();
DefaultHttpClient client = new DefaultHttpClient(connManager);*/
```

```
HttpClient httpClient = new DefaultHttpClient();
```

```
 /MultipartEntity entity = new MultipartEntity();
```

```
entity.addPart("&name&quot;, n
w StringBody("&important message&quot;
Charset.forName("&UTF-8&quot;
));/
```

```
StringEntity entity = new StringEntity("&important
message&quot;,&quot;text/plain; charset=&
uot;UTF-8&quot;&quot;);
```

```
entity.setChunked(true);
```

```
HttpPost httppost = new HttpPost(URL);
```

```
httppost.setEntity(entity);
```

```
HttpResponse response = client.execute(request);
```

```
HttpEntity httpentity = response.getEntity();
```

```
if (httpentity != null) {
```

```
 //读取流
```

```
 InputStream instream = entity.getContent();
```

```
 //读取字符串
```

```
 String rpString=EntityUtils.toString(entity);
```

```
 //读取字节
```

```
 byte[] btArray=EntityUtils.toByteArray(httpentity);
```

```
 //请求关闭
```

```
httpget.abort();
//另一种关闭方式
//httpClient.getConnectionManager().shutdown();
}</pre>
```

<p><span style="font-size: medium;"><strong>异常处理&nbsp;non-repeatable entity</strong></span></p>  
<p>MultipartEntity entity = new MultipartEntity();<br />//这段代码可能是导致异常的原因 <br >entity.addPart(&quot;image&quot;, new InputStreamBody(new FileInputStream(new File(& uot;D:/httpClient/images/0.jpg&quot;)));, file.getName());<br /> <br />org.apache.http.client.C ientProtocolException<br />Caused by: org.apache.http.client.NonRepeatableRequestExcepti n: Cannot retry request with a non-repeatable request entity. The cause lists the reason the or ginal request failed.</p>  
<p>HttpClient有ByteArrayBody、FileBody、InputStreamBody和StringBody四种Body。经过测 , 其中只有用InputStreamBody构建multipartEntity才是non-repeatable entity。<br />使用ByteA rrayBody代替InputStreamBody 避免错误</p>  
<p>&nbsp;</p>  
<p><strong><span style="font-size: medium;">异常处理 请求超时</span></strong></p>  
<pre class="brush: java">java.net.SocketTimeoutException: Read timed out<br />DefaultHtt Client:  
//请求超时  
httpClient.getParams().setParameter(CoreConnectionPNames.CONNECTION\_TIMEOUT, 60000)  
  
//读取超时  
httpClient.getParams().setParameter(CoreConnectionPNames.SO\_TIMEOUT, 60000);

## HttpClient

```
HttpClient httpClient=new HttpClient();
//链接超时
httpClient.getHttpClientConnectionManager().getParams().setConnectionTimeout(60000);
//读取超时
httpClient.getHttpClientConnectionManager().getParams().setSoTimeout(60000)</pre>
```