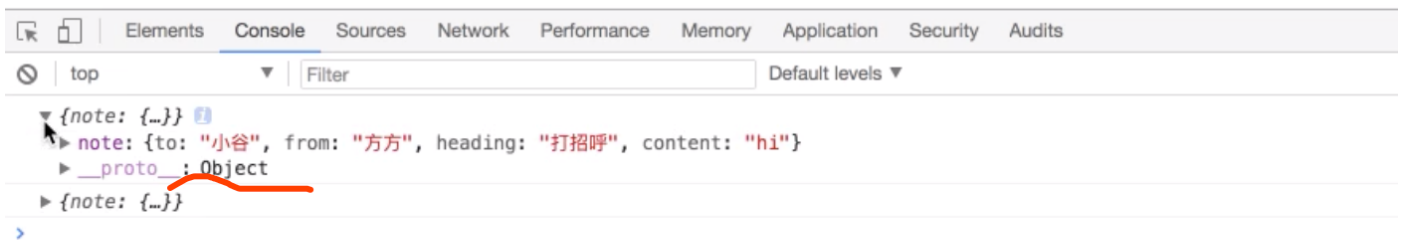可以对同一个状态进行多次处理:

```
main.js    index.html
12  myButton.addEventListener('click', (e)=>{
11    $.ajax({
10    | url: '/xxx',
 9    | method: 'get',
 8    }).then(
 7    | (responseText)=>{
 6    |   console.log(responseText);
 5    |   return responseText
 4    },
 3    | (request)=>{console.log('error1'); return '已经处理'}
 2    ).then(
 1    | (上一次的处理结果)=>{
13    |   console.log(上一次的处理结果)
 1    },
 2    | (request)=>{console.log('error2')}
 3    )
 4  })
 5
 6
 7
 8
```

发现返回的是个对象:

点我

| Elements | Console | Sources | Network | Performance | Memory | Application | Security | Audits |

top ▼ | Filter | Default levels ▼

```
▼ {note: {…}} 
  ▶ note: {to: "小谷", from: "方方", heading: "打招呼", content: "hi"}
  ▶ __proto__: Object
▶ {note: {…}}
>
```

因为jquery发现返回值是json;
就会自动地把字符串转换为对象;

背诵下面这6个单词:

聊天室 　　设置 　　直播统计

形式呢?

吴博文 　　22:37:0

简化

饶家俊 　　22:37:2

知道了

——连接成功,进入聊天室——

吴博文 　　22:39:5

暗度陈仓

唐瑜 　　22:40:3

1

杨乐 　　22:40:5

jQuery处理了

唐瑜 　　22:41:1

2

王峻名 　　22:42:2

2

吴博文 　　22:43:0

undefined

杨乐 　　22:43:

其实promise函数就是让回调函数按照一定形式来运行;

代码:

main.js

```
 1  /*第36课添加的代码*/
 2  window.jQuery = function(nodeOrSelector){
 3  let nodes = {}
 4  nodes.addClass = function(){}
 5  nodes.html = function(){}
 6  return nodes
 7  }
 8
 9  //此时ajax返回的是一个promise对象
10  window.jQuery.ajax = function({url,method,body,headers}){
11  //方法1
12  //let {url,method,body,successFn,failFn,headers} = options
13  return new Promise(function(resolve,reject){
14  let request = new XMLHttpRequest()
15  //请求第一部分
16  request.open(method, url) //配置request
17
18  for(let key in headers){
19  let value = headers[key]
```

```
20  request.setRequestHeader(key,value)
21  }
22
23  /*第36课添加代码结束*/
24  request.onreadystatechange = ()=>{
25  if(request.readyState === 4){
26  //获取响应第一部分
27  if(request.status >= 200 && request.status <300){
28  resolve.call(undefined,request.responseText)
29  }else if(request.status >= 400){
30  reject.call(undefined,request)
31  }
32  }
33  }
34  //请求第四部分
35  request.send(body)
36  })
37  }
38
39  /*第36课添加的代码*/
40  window.$ = window.jQuery
41  /*第36课添加代码结束*/
42
43  function f1(responseText){}
44  function f2(responseText){}
45
46  myButton.addEventListener('click',(e)=>{
47  /*第36课添加的代码*/
48  let promise = window.jQuery.ajax({
49  url:'frank3838',
50  method:'get',
51  headers:{
52  'content-type':'application/x-www-form-urlencoded',
53  'frank':'18'
54  }
55  })
56
57  promise.then(
58  (text)=>{console.log(text)},
59  (request)=>{console.log(request)}
60  )
61  /*第36课添加代码结束*/
62  })
63
```

server.js

```
 1  var http = require('http')
 2  var fs = require('fs')
 3  var url = require('url')
 4
 5  var port = process.env.PORT || 8888;
 6
 7  var server = http.createServer(function(request,response){
 8  var temp = url.parse(request.url,true)
 9  var path = temp.pathname
10  var query = temp.query
11  var method = request.method
12
13  //从这里开始看，上面不要看
14
15  if(path === '/'){ //如果用户请求的是/路径
16  let string = fs.readFileSync('./index.html')
17  response.statusCode = 200
18  response.setHeader('Content-Type','text/html;charset=utf-8')
19  response.write(string)
20  response.end()
21  }else if(path ==='/main.js'){
22  let string = fs.readFileSync('./main.js','utf-8')
23  response.statusCode = 200
24  response.setHeader('Content-Type','text/javascript;charset=utf-8')
25  response.write(string)
26  response.end()
27  }else if(path='/xxx'){
28  response.statusCode = 200
29  response.setHeader('Content-Type','text/xml')
30  response.setHeader('Access-Control-Allow-Origin','*')
31  //符合JSON语法的字符串
32  response.write(`
33  {
34  "note":{
35  "to":"小谷",
36  "from":"方方",
37  "heading":"打招呼",
38  "content":"hi"
39  }
40  }
41  `)
42  response.end()
43  }else{
```

```
44  response.statusCode = 404
45  response.setHeader('Content-Type','text/html;charset=utf-8')
46  response.write('呜呜呜')
47  response.end()
48  }
49
50  //代码结束，下面不要看
51  console.log(method+''+request.url)
52  })
53
54  server.listen(port)
55  console.log('监听' + port + '成功\n请用在空中转体720度然后用电饭煲打开\nhttp:localhost:'+por
56
```

index.html

```
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4   <meta charset="UTF-8">
5   <title>首页</title>
6   <!---Promise-->
7   </head>
8   <body>
9   <button id="myButton">点我</button>
10  <script src=https://cdnjs.cloudflare.com/ajax/libs/jquery/3.3.1/jquery.min.js></script
11  <script src="main.js"></script>
12  </body>
13  </html>
14
15
16
17
```