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基本选择器

```
<!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
        <title></title>
        <!-- <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script> --
        <script src="../jquery-3.5.1/jquery-3.5.1.js" type="text/javascript" charse</pre>
t="utf-8"></script>
        <script type="text/javascript" src="index.js"></script>
    </head>
    <body>
        <div id="first" class="div first">First</div>
        <div id="second" class="div second">Second</div>
        <div id="third" class="div third">Third</div>
    </body>
</html>
```

- ID选择器:根据给定的ID匹配一个元素
- Element选择器:根据给定的元素标签名匹配所有元素
- class选择器:根据给定的css类名匹配元素
- 通配符选择器: 匹配所有元素

ID选择器

```
var first = $('#first');
console.log(first);

var second = $('#second');
var third = $('#third');
/*
```

```
打印结果:
jQuery.fn.init [div#first.divfirst]
0: div#first.divfirst
length: 1
__proto__: Object(0)
*/
```

Element选择器

```
var div = $('div');
console.log(div);
/*
  jQuery.fn.init(3) [div#first.divfirst, div#second.divsecond, div#third.div.thir
d, prevObject: jQuery.fn.init(1)]
  0: div#first.divfirst
  1: div#second.divsecond
  2: div#third.div.third
  length: 3
  prevObject: jQuery.fn.init [document]
  __proto__: Object(0)
  */
```

class选择器

```
var divClass = $('.div');
console.log(divClass)

/*
  jQuery.fn.init(3) [div#first.div.first, div#second.div.second, div#third.div.th

ird, prevObject: jQuery.fn.init(1)]
  0: div#first.div.first
  1: div#second.div.second
  2: div#third.div.third
  length: 3
  prevObject: jQuery.fn.init [document]
  __proto__: Object(0)
  */
```

```
var firstClass = $('.first');
var secondClass = $('.second');
var thirdClass = $('.third');
console.log(firstClass);
/*
jQuery.fn.init [div#first.div.first, prevObject: jQuery.fn.init(1)]
0: div#first.div.first
```

```
length: 1
prevObject: jQuery.fn.init [document]
__proto__: Object(0)
*/
```

通配符选择器

```
var all = $('*');
    console.log(all);
    /*
    jQuery.fn.init(10) [html, head, meta, title, script, script, body, div#first.di
v.first, div#second.div.second, div#third.div.third, prev0bject: jQuery.fn.init(1)]
    0: html
    1: head
    2: meta
    3: title
    4: script
    5: script
    6: body
    7: div#first.div.first
    8: div#second.div.second
    9: div#third.div.third
    length: 10
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
    */
```

多项选择器

\$("selector1, selector2, selectorN")

将每一个选择器匹配到的元素合并后一起返回。可以指定任意多个选择器,并将匹配到的元素合并到一个结果内。

```
var firstAndThird = $('#first, .third');
    console.log(firstAndThird);
   /*
        jQuery.fn.init(2) [div#first.div.first, div#third.div.third, prev0bject: jQ
uery.fn.init(1)]
       0: div#first.div.first
        1: div#third.div.third
       length: 2
       prevObject: jQuery.fn.init [document]
        __proto__: Object(0)
    */
    var objs = $('#first, div, .div, .third');
    console.log(objs);
   /*
        jQuery.fn.init(6) [div#first.div.first, div#second.div.second, div#third.di
v.third, section#first.div.first, section#second.div.second, section#third.div.thir
d, prevObject: jQuery.fn.init(1)]
       0: div#first.div.first
       1: div#second.div.second
        2: div#third.div.third
        3: section#first.div.first
       4: section#second.div.second
        5: section#third.div.third
       length: 6
        prevObject: jQuery.fn.init [document]
        __proto__: Object(0)
    */
   console.log(objs[0]);
   /*
        <div id="first" class="div first">First</div>
```

层级选择器(祖先后代选择器)

```
<!DOCTYPE html>
<html>
   <head>
       <meta charset="utf-8">
       <title></title>
       <!-- <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script> --
>
       <script src="../jquery-3.5.1/jquery-3.5.1.js" type="text/javascript" charse</pre>
t="utf-8"></script>
       <script type="text/javascript" src="index.js"></script>
   </head>
   <body>
       <aside>
          <details>
              <summary>网页设计</summary>
              <l
                  Photoshop
                  Illustrator
                  Sketch
              </details>
          <details>
              <summary>网站前端</summary>
              <details>
                  summary>结构层</summary>
                  <u1>
                     HTML
                     Jade
                  </details>
              <details>
                  <summary>表示层</summary>
                  <u1>
                     CSS
                     LESS
                     SASS
                  </details>
          </details>
       </aside>
   </body>
</html>
```

选中所有后代

```
$('ancestor descendant');
```

在指定的祖先元素下匹配所有的后代元素

```
// 祖先aside 后代summary
var summaries = $('aside summary');
 console.log(summaries);
    jQuery.fn.init(3) [summary, summary, summary, prevObject: jQuery.fn.init(1)]
    0: summary
    1: summary
    2: summary
    Length: 3
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
*/
var details = $('aside details');
console.log(details);
/*
    jQuery.fn.init(4) [details, details, details, details, prevObject: jQuery.fn.i
    0: details
    1: details
    2: details
    3: details
    Length: 4
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
```

直接后代选择器

```
$('parent>child');
```

在给定的父元素下匹配所有的子元素

```
var details = $('aside > details');
console.log(details);
/*
    jQuery.fn.init(2) [details, details, prevObject: jQuery.fn.init(1)]
    0: details
    1: details
    length: 2
    prevObject: jQuery.fn.init [document]
```

```
__proto__: Object(0)
*/
```

下一选择器

```
$('prev + next')
```

屁屁额所有进阶在prev元素后的next元素

```
var uls = $('summary + ul');
console.log(uls);
/*
     jQuery.fn.init(3) [ul, ul, ul, prevObject: jQuery.fn.init(1)]
     0: uL
     1: uL
     2: ul
     Length: 3
     prevObject: jQuery.fn.init [document]
     __proto__: Object(0)
 */
var uls = $('summary + details');
console.log(uls);
     jQuery.fn.init [details, prevObject: jQuery.fn.init(1)]
     0: details
     Length: 1
     prevObject: jQuery.fn.init [document]
     __proto__: Object(0)
*/
```

兄弟选择器

```
$('pre ~ sublings')
```

匹配prev元素之后的所有siblings元素

```
var uls = $('summary ~ ul');
console.log(uls);
/*

    jQuery.fn.init(3) [ul, ul, ul, prevObject: jQuery.fn.init(1)]
    0: ul
    1: ul
    2: ul
    length: 3
    prevObject: jQuery.fn.init [document]
```

```
__proto__: Object(0)
*/
var details = $('summary ~ details');
console.log(details);
/*
    jQuery.fn.init(2) [details, details, prevObject: jQuery.fn.init(1)]
    0: details
    1: details
    length: 2
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
*/
```

属性选择器

- [attribute]
- [attribute=value]
- [attribute!=value]
- [attribute=value]
- [attribute\$=value]
- [attribute*=value]
- [selector1][selector2][selectorN]

```
<!DOCTYPE html>
<html lang="en">
   <head>
      <meta charset="utf-8">
      <title></title>
      <!-- <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script> --
      <script src="../jquery-3.5.1/jquery-3.5.1.js" type="text/javascript" charse</pre>
t="utf-8"></script>
      <script type="text/javascript" src="index.js"></script>
   </head>
   <body>
      <details class="tool">
          <summary>开发工具</summary>
          Sublime Text
          WebStorm Text
          Visual Studio
          Visual Studio Code
      </details>
      <details class="lang">
          <summary>开发语言</summary>
```

[attribute]

```
var all = $('[class]');
    console.log(all);
        jQuery.fn.init(10) [details.tool, p.tool_sublime, p.tool_webstorm, p.tool_vs,
        0: details.tool
        1: p.tool_sublime
        2: p.tool webstorm
       3: p.tool_vs
       4: p.tool vscode
       5: details.lang
        6: p.lang_html
        7: p.lang_css
       8: p.lang_js
       9: p.lang_jquery
       Length: 10
       prevObject: jQuery.fn.init [document]
       __proto__: Object(0)
    var all = $('[lang]');
    console.log(all);
    /*
        jQuery.fn.init [html, prevObject: jQuery.fn.init(1)]
        0: htmL
        Length: 1
       prevObject: jQuery.fn.init [document]
        __proto__: Object(0)
  */
```

[attribute=value] 等于

```
var all = $('[class=tool_sublime]');
  console.log(all);
  /*
      jQuery.fn.init [p.tool_sublime, prevObject: jQuery.fn.init(1)]
      0: p.tool_sublime
```

```
length: 1
prevObject: jQuery.fn.init [document]
   __proto__: Object(0)
*/
```

[attribute!=value] 不等于

```
var all = $('[class!=tool]');
   console.log(all);
   /*
        jQuery.fn.init(18) [html, head, meta, title, script, script, body, summary,
 p.tool_sublime, p.tool_webstorm, p.tool_vs, p.tool_vscode, details.lang, summary, p.l
1)]
        0: html
        1: head
        2: meta
        3: title
        4: script
        5: script
        6: body
        7: summary
        8: p.tool_sublime
        9: p.tool_webstorm
        10: p.tool_vs
        11: p.tool_vscode
        12: details.lang
        13: summary
        14: p.lang_html
        15: p.lang_css
        16: p.lang_js
        17: p.lang_jquery
        length: 18
        prevObject: jQuery.fn.init [document]
        __proto__: Object(0)
   */
```

[attribute^=value] 以value开头

```
var all = $('[class^=tool]');
  console.log(all);
  /*
        jQuery.fn.init(5) [details.tool, p.tool_sublime, p.tool_webstorm, p.tool_vs, p
        0: details.tool
        1: p.tool_sublime
        2: p.tool_webstorm
        3: p.tool_vs
```

```
4: p.tool_vscode
  length: 5
  prevObject: jQuery.fn.init [document]
  __proto__: Object(0)
*/
```

[attribute\$=value] 以value结尾

```
var all = $('[class$=sublime]');
  console.log(all);
  /*
        jQuery.fn.init [p.tool_sublime, prevObject: jQuery.fn.init(1)]
        0: p.tool_sublime
        length: 1
        prevObject: jQuery.fn.init [document]
        __proto__: Object(0)
        */
```

[attribute*=value] 包含value

[selector1][selector2][selectorN]多个属性选择

\$('[class][class*=lang][class\$=jquery]')

```
var all = $('[class][class*=lang][class$=jquery]');
   console.log(all);
   /*
        jQuery.fn.init [p.lang_jquery, prevObject: jQuery.fn.init(1)]
        0: p.lang_jquery
        length: 1
        prevObject: jQuery.fn.init [document]
        __proto__: Object(0)
   */
```

过滤器

```
<!DOCTYPE html>
<html lang="en">
   <head>
      <meta charset="utf-8">
      <title></title>
      <!-- <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script> --
      <script src="../jquery-3.5.1/jquery-3.5.1.js" type="text/javascript" charse</pre>
t="utf-8"></script>
      <script type="text/javascript" src="index.js"></script>
   </head>
   <body>
      <details class="tool" open="open">
         Sublime Text
      </details>
      <details class="tool" open="open">
         <summary>编辑器</summary>
         Sublime Text
      </details>
      <details class="tool">
         <summary>开发工具</summary>
         WebStorm Text
         Visual Studio
         Visual Studio Code
      </details>
      <details class="lang">
         <summary>开发语言</summary>
         html
         css
         javascript
         jquery
      </details>
   </body>
</html>
```

child (在子元素中,指定具体的位置)

- · :first-child
- :last-child
- :nth-child(n|even|odd|formula)
- :nth-last-child(n|even|odd|formula)
- :only-child

```
var first = $('details');
console.log(first);
/*
    jQuery.fn.init(3) [details.tool, details.ide, details.lang, prevObject: jQuery
    0: details.tool
    1: details.ide
    2: details.lang
    length: 3
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
*/
```

first-child

```
var first = $('details:first-child');
console.log(first);
/*
    jQuery.fn.init [details.tool, prevObject: jQuery.fn.init(1)]
    0: details.tool
    length: 1
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
*/
```

```
// details > p:first-child details下的第一个标签是p标签
var first = $('details > p:first-child');
console.log(first);
/*
    jQuery.fn.init [prevObject: jQuery.fn.init(1)]
    length: 0
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
*/
```

last-child

```
// details > p:last-child details下的最后一个标签是p标签
var last = $('details > p:last-child');
console.log(last);
/*
    jQuery.fn.init(3) [p.tool_sublime, p.tool_vscode, p.lang_jquery, prevObject: j
    0: p.tool_sublime
    1: p.tool_vscode
    2: p.lang_jquery
```

```
length: 3
prevObject: jQuery.fn.init [document]
   __proto__: Object(0)
*/
```

nth-child

```
// details下第二个标签是p会返回p标签
var nthFirst = $('details > p:nth-child(2)');
console.log(nthFirst);
/*
    jQuery.fn.init(3) [p.tool_sublime, p.tool_webstorm, p.lang_html, prevObject: j
    0: p.tool_sublime
    1: p.tool_webstorm
    2: p.lang_html
    length: 3
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
*/
```

```
// details下第一个标签是p会返回p标签
var nthFirst = $('details > p:nth-child(1)');
console.log(nthFirst);
/*
    jQuery.fn.init [prevObject: jQuery.fn.init(1)]
    length: 0
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
*/
```

nth-last-child

```
var nthLast = $('details > p:nth-last-child(2)');
console.log(nthLast);
/*
    jQuery.fn.init(2) [p.tool_vs, p.lang_js, prevObject: jQuery.fn.init(1)]
    0: p.tool_vs
    1: p.lang_js
    length: 2
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
*/
```

```
var onlyChild = $('details > p:only-child');
console.log(onlyChild);
/*
    jQuery.fn.init [p.only-child, prevObject: jQuery.fn.init(1)]
    0: p.only-child
    length: 1
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
*/
```

type (在子元素中找到即可,不需要是具体位置)

- :first-of-type
- :last-of-type
- :nth-of-type(n|even|odd|formula)
- :nth-last-of-type(n|even|odd|formula)
- :only-of-type

first-of-type

```
// details > p:first-of-type 找到details下的第一次出现的p标签
  var first = $('details > p:first-of-type');
  console.log(first);
  /*
        jQuery.fn.init(4) [p.only-child, p.tool_sublime, p.tool_webstorm, p.lang_ht
ml, prevObject: jQuery.fn.init(1)]
        0: p.only-child
        1: p.tool_sublime
        2: p.tool_webstorm
        3: p.lang_html
        length: 4
        prevObject: jQuery.fn.init [document]
        __proto__: Object(0)
        */
```

last-of-type

```
var last = $('details > p:last-of-type');
console.log(last);
/*
    jQuery.fn.init(4) [p.only-child, p.tool_sublime, p.tool_vscode, p.lang_jque
ry, prevObject: jQuery.fn.init(1)]
    0: p.only-child
    1: p.tool_sublime
```

```
2: p.tool_vscode
3: p.lang_jquery
length: 4
prevObject: jQuery.fn.init [document]
__proto__: Object(0)
*/
```

nth-of-type

```
var nthF = $('details > p:nth-of-type(2)');
console.log(nthF);
/*
    jQuery.fn.init(2) [p.tool_vs, p.lang_css, prevObject: jQuery.fn.init(1)]
    0: p.tool_vs
    1: p.lang_css
    length: 2
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
*/
```

nth-last-of-type

```
var nthL = $('details > p:nth-last-of-type(2)');
console.log(nthL);
/*
    jQuery.fn.init(2) [p.tool_vs, p.lang_js, prevObject: jQuery.fn.init(1)]
    0: p.tool_vs
    1: p.lang_js
    length: 2
    prevObject: jQuery.fn.init [document]
    __proto__: Object(0)
*/
```

only-of-type

```
var only = $('details > p:only-of-type');
console.log(only);
/*
    jQuery.fn.init(2) [p.only-child, p.tool_sublime, prevObject: jQuery.fn.init
(1)]
    0: p.only-child
    1: p.tool_sublime
    length: 2
    prevObject: jQuery.fn.init [document]
```

```
__proto__: Object(0)
*/
```

参数

- n 匹配子元素序号。必须为证书, 从1开始。
- even 匹配所有偶数元素。
- odd 匹配所有奇数元素。
- formula 使用特殊公式如(an+b)进行选择。(2n)、(2n+1)

表单相关选择器

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8">
        <title></title>
        <!-- <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script> --
>
        <script src="../jquery-3.5.1/jquery-3.5.1.js" type="text/javascript" charse</pre>
t="utf-8"></script>
        <script type="text/javascript" src="index.js"></script>
    </head>
    <body>
        <div>
            <input type="hidden" value="id">
        </div>
        <div>
            <label>用户名: </label>
            <input type="text" placeholder="用户名">
        </div>
        <div>
            <label>密码 : </label>
            <input type="password" placeholder="密码">
        </div>
        <div>
            <label>姓名: </label>
            <input type="password" placeholder="密码" disabled="disabled">
        </div>
        <div>
            <input type="button" value="按钮">
            <input type="submit" value="提交">
            <button>按钮</button>
        </div>
    </body>
```

- :input 可以选择<input>,<textarea>,<select>和<button>
- :text 匹配所有的单行文本框, 和input[type='text']一样
- 其它input的type:password/:radio/:checkbox/:image/:reset/button/:file

元素相关

```
var inputs = $(':input');
    console.log(inputs);
       jQuery.fn.init(6) [input, input, input, input, button, prevObject: jQue
       0: input
       1: input
       2: input
       3: input
       4: input
       5: button
       Length: 6
       prevObject: jQuery.fn.init [document]
       __proto__: Object(0)
    var texts = $(':text');
    console.log(texts);
       jQuery.fn.init [input, prevObject: jQuery.fn.init(1)]
       0: input
       Length: 1
       prevObject: jQuery.fn.init [document]
       __proto__: Object(0)
    */
    var texts = $(':password');
    console.log(texts);
       jQuery.fn.init [input, prevObject: jQuery.fn.init(1)]
       0: input
       Length: 1
       prevObject: jQuery.fn.init [document]
       __proto__: Object(0)
    */
```

```
var disabled = $(':disabled');
    console.log(disabled);
    /*
        jQuery.fn.init [input, prevObject: jQuery.fn.init(1)]
        0: input
        Length: 1
        prevObject: jQuery.fn.init [document]
        __proto__: Object(0)
    */

var enabled = $(':enabled');
    console.log(enabled);

var checked = $(':checked');
    console.log(checked);

var checked = $(':selected');
    console.log(checked);
```

查找预过滤

```
<!DOCTYPE html>
<html>
    <head>
       <meta charset="utf-8">
       <title></title>
       <!-- <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script> --
>
       <script src="../jquery-3.5.1/jquery-3.5.1.js" type="text/javascript" charse</pre>
t="utf-8"></script>
       <script type="text/javascript" src="index.js"></script>
    </head>
    <body>
       <aside>
           <details>
               <summary>网页设计</summary>
               <u1>
                   Photoshop
                   Illustrator
                   Sketch
               </details>
           <details>
```

```
<summary>网站前端</summary>
          <details>
             summary>结构层</summary>
             <u1>
               HTML
               javascript
               html
             </details>
          <details>
             <summary>表示层</summary>
             <l
               CSS
               LESS
               SASS
             </details>
        </details>
     </aside>
  </body>
</html>
```

- find
- children
- parent
- next
- prev
- eq
- siblings
- filter

find

```
var js = $('aside').find('.javascript');
    console.log(js);
    /*
        jQuery.fn.init [li.javascript, prevObject: jQuery.fn.init(1)]
        0: li.javascript
        length: 1
        prevObject: jQuery.fn.init [aside, prevObject: jQuery.fn.init(1)]
        __proto__: Object(0)
    */
```

children

```
var list = $('aside').children('details');
console.log(list);
/*
    jQuery.fn.init(2) [details, details, prevObject: jQuery.fn.init(1)]
    0: details
    1: details
    length: 2
    prevObject: jQuery.fn.init [aside, prevObject: jQuery.fn.init(1)]
    __proto__: Object(0)
*/
```

parent

```
var js = $('aside').find('.javascript');
  var js_parent = js.parent();
  console.log(js_parent);
  /*
        jQuery.fn.init [ul, prevObject: jQuery.fn.init(1)]
        0: ul
        length: 1
        prevObject: jQuery.fn.init [li.javascript, prevObject: jQuery.fn.init(1)]
        __proto__: Object(0)
        */
```

next()/prev()/eq()/siblings()

```
var js = $('aside').find('.javascript');
    var html = js.next();
    console.log(html);
    /*
        jQuery.fn.init [li.html, prevObject: jQuery.fn.init(1)]
        0: li.html
        length: 1
        prevObject: jQuery.fn.init [li.javascript, prevObject: jQuery.fn.init(1)]
        __proto__: Object(0)
    */
    console.log(html.prev());
    /*
        jQuery.fn.init [li.javascript, prevObject: jQuery.fn.init(1)]
        0: li.javascript
        length: 1
        prevObject: jQuery.fn.init [li.html, prevObject: jQuery.fn.init(1)]
        __proto__: Object(0)
    */
```

```
var lis = $('li');
    var html = lis.eq(5);
    console.log(html);
    /*
        jQuery.fn.init [li.html, prevObject: jQuery.fn.init(9)]
        0: li.html
        length: 1
        prevObject: jQuery.fn.init(9) [li, li, li, li, li.javascript, li.html, li,
li, li, prevObject: jQuery.fn.init(1)]
        __proto__: Object(0)
    */
    var details = $('details');
    var detailsSiblings = details.siblings();
    console.log(detailsSiblings);
    /*
        jQuery.fn.init(5) [details, details, summary, details, details, prevObject:
 jQuery.fn.init(4)]
        0: details
        1: details
        2: summary
        3: details
        4: details
        length: 5
        prevObject: jQuery.fn.init(4) [details, details, details, details, prevObje
ct: jQuery.fn.init(1)]
        __proto__: Object(0)
   */
```

filter()

```
var details = $('details');
    var detailsSiblings = details.siblings();
var details = detailsSiblings.filter(".details");
    console.log(details);
    /*
        jQuery.fn.init [details.details, prevObject: jQuery.fn.init(5)]
        0: details.details
        length: 1
        prevObject: jQuery.fn.init(5) [details, details.details, summary, details, det
        __proto__: Object(0)
        */
```