

KISSY AutoComplete

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Outline

- What
- Why
- Scenario
- API
- Design



- What



s

手机	约22852801个宝贝
手表	约1331532个宝贝
十字绣	约4031263个宝贝
睡衣	约1834788个宝贝
手机 智能 安卓	约49014个宝贝
松糕鞋	约727026个宝贝
丝袜	约534587个宝贝
思加图	约234564个宝贝
松糕	约733818个宝贝
松糕单鞋	约348166个宝贝

同店购 s + 另一宝贝 + 另一宝贝 搜索



s|

sina

sina邮箱

sina.com.cn

sb

sohu

sougou

sony

soso

skype

sai

Google 搜索

手气不错



shoes

shoes **for crews**

shoes.com

shoes **online**

shoes **stores**

shoes **on sale**


shoes **for sale**

shoes **with toes**


shoes **for less**

shoes **for kids**


SHOES STORES



\$199.48
8 Shelf Shoe Rack ...
★★★★★



\$474.95
shoes: B Store ...
★★★★★



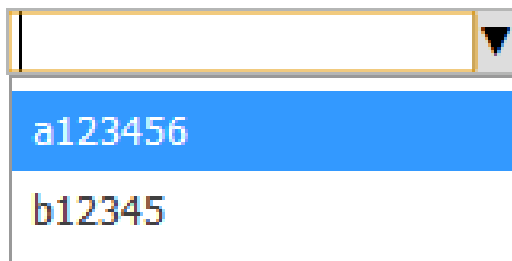
\$2.99
Container Store
Monkey ...
★★★★★

MORE INFORMATION

[More Shoes Stores Results](#)

YAHOO! SHOPPING

combobox



- Why



Why rewrite

- 1. api consistency
 - srcNode
 - new().render()
- 2. scalability
 - more features
 - Combobox
 - Rich drop menu
- 3. customization
 - render/highlight/parse
- 4. maintainability



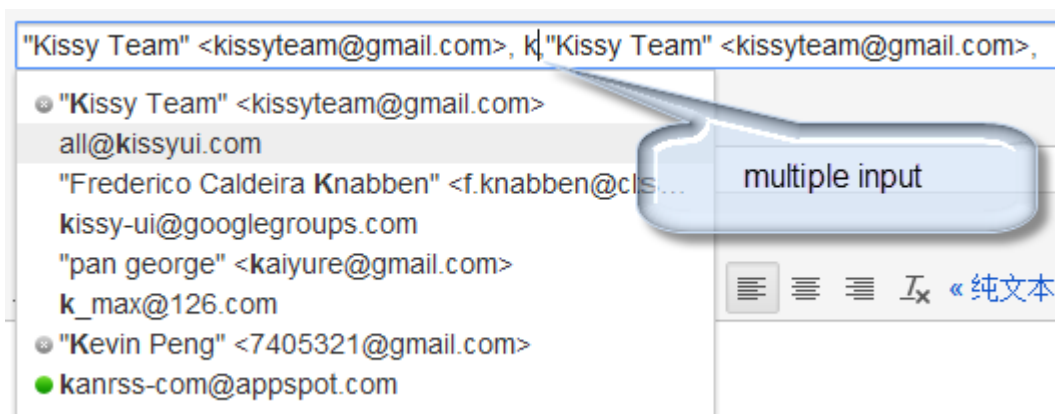
- Scenario



- 1. simple input



- multiple input



有什么新鲜事想告诉大家？

打击虚假消息，建设文明微博，还可以输入127字

@叶彭飞 @淘宝-施林 @s

想用@提到谁？

叶彭飞

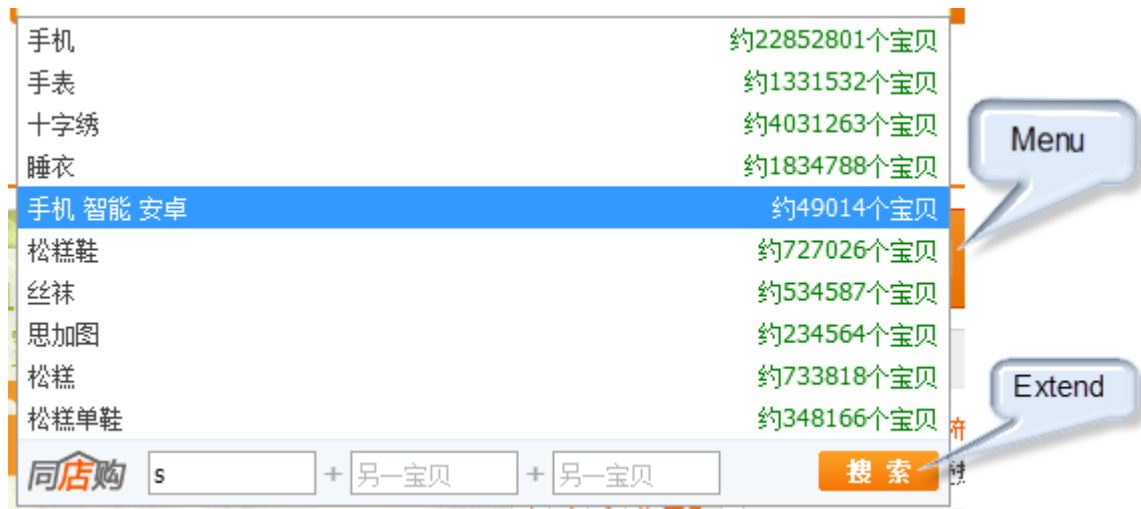
手气还不错

淘宝-施林(施林)

表情 图片 视频 投票 公开 发布



- 2. Menu extended



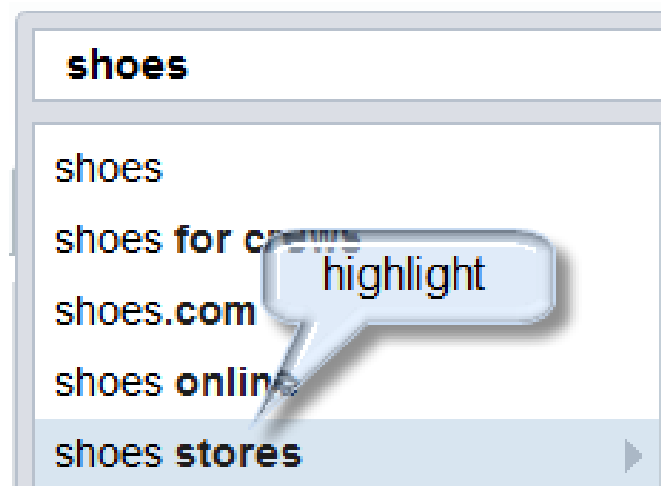
- 3. render

手表	约1331532个宝贝
十字绣	约4031263个宝贝
睡衣	约1834788个宝贝

render



- 4. highlight



- 5. datasource

- static

- ["1","2","3"]

- dynamic

- xhr
 - jsonp



- 6. parse/filter

- { results : ["1" , "2"] }

- =>

- ["1" , "2"]



- 7. performance
 - share auto-complete between inputs



- 8. accessibility
 - aria



- API



- Static data
- Existing input

```
(function () {  
    var data = ["a123456", "b12345", "c3464356", "d23434"];  
  
    var basicAutoComplete = new AutoComplete.Basic({  
        srcNode:S.one("#inp"),  
        // width:S.one("#inp").css("width"),  
        data:data  
    });  
    basicAutoComplete.render();  
  
    // 得到焦点时展示全部  
    S.one("#inp").on("focus", function () {  
        basicAutoComplete.sendRequest('');  
    });  
})();
```



- Static data
- Existing input

a123456

b12345

c3464356

d23434

please enter



- Static data
- New input



```
var data = ["a123456", "b12345", "c3464356", "d23434"];
```

```
var basicAutoComplete = new AutoComplete.Basic({
```

```
  render: "#newNew",
```

original data value

```
  // width: S.one("#inp").css("width"),
```

```
  data: data,
```

```
  maxItemCount: 2,
```

html render

```
  formatHtml: function (query, data) {
```

```
    var ret = [];
```

```
    for (var i = 0; i < data.length; i++) {
```

```
      ret[i] = (data[i] + "").replace(new RegExp(S.escapeRegExp(query), "g"),  
        "<b>${&}</b>")
```

```
    }
```

```
    return ret;
```

text

```
  },
```

```
  formatText: function (query, data) {
```

```
    var ret = [];
```

```
    for (var i = 0; i < data.length; i++) {
```

```
      ret[i] = data[i];
```

```
    }
```

```
    return ret;
```

```
  }
```

```
});
```

select event

```
basicAutoComplete.render();
```

```
basicAutoComplete.on("select", function (e) {
```

```
  alert(e.value + "\n" + e.content + "\n" + e.textContent);
```

```
});
```



- Static data
- New input

3
a123456
b12345



- Dynamic data
- Existing input

```
var basicAutoComplete = new AutoComplete.Basic({  
    srcNode:S.one("#inp"),  
    // width:S.one("#inp").css("width"),  
    xhrCfg:{  
        url: './interface.php',  
        dataType: 'json'  
    },  
    dataSourceCfg:{  
        paramName: "start"  
    }  
});  
basicAutoComplete.render();
```

S.io

interface.php?start=xx



- Dynamic data
- Existing input

1
1
2
3
4
5
6
7
8
9
10



- Dynamic data
- New input

```
var basicAutoComplete = new AutoComplete.Basic({
    render: "#newNew",
    // width: $.one("#inp").css("width"),
    xhrCfg: {
        url: './interface2.php',
        dataType: 'json'
    },
    dataSourceCfg: {
        paramName: "start",
        parse: function (inputVal, d) {
            return d.result;
        }
    },
    maxItemCount: 5,
    formatHtml: function (query, data) {
        var ret = [];
        for (var i = 0; i < data.length; i++) {
            ret[i] = (data[i] + "").replace(new RegExp(S.escapeRegExp(query), 'g'),
                "<b>${&}</b>")
        }
        return ret;
    },
    formatText: function (query, data) {
        var ret = [];
        for (var i = 0; i < data.length; i++) {
            ret[i] = data[i];
        }
        return ret;
    }
});

basicAutoComplete.render();

basicAutoComplete.on("select", function (e) {
    alert(e.value + "\n" + e.content + "\n" + e.textContent);
});
```


- Shared mode



- Menu is shared

```
var autoCompleteMenu = new AutoComplete.Menu();
```

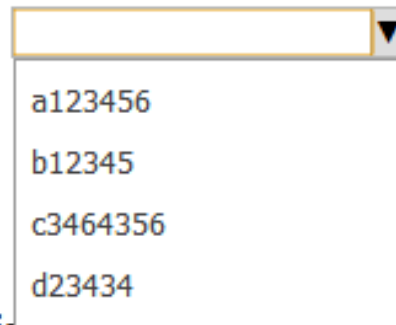
- Attached manually

```
window.autoComplete = new AutoComplete.Basic({  
    srcNode: $("#inp"),  
    menu: autoCompleteMenu,  
    xhrCfg: {  
        url: './interface.php',  
        dataType: 'json'  
    },  
    dataSourceCfg: {  
        paramName: "start"  
    }  
});
```



Combobox

- combobox = autocomplete + button
- allowEmpty
 - Static data : default true
 - dynamic data : default false

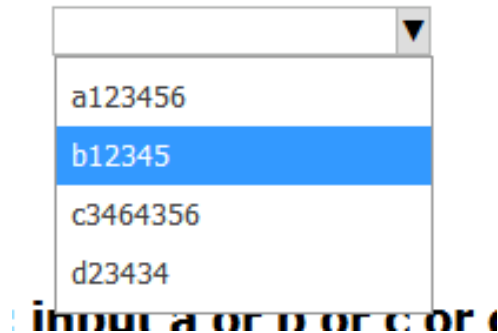


input a or b or c or d



Another select

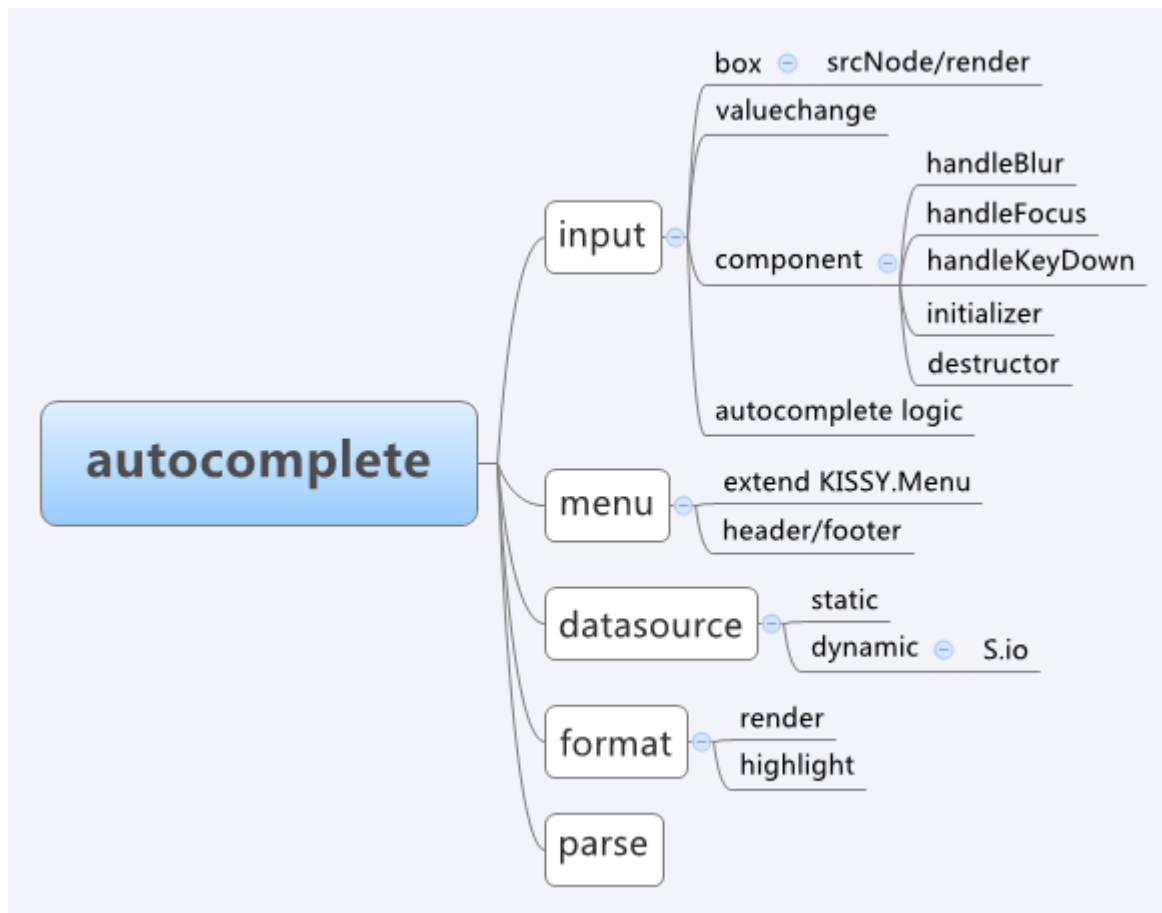
- Input readonly='readonly'
 - selectedItem
 - Input not Button!



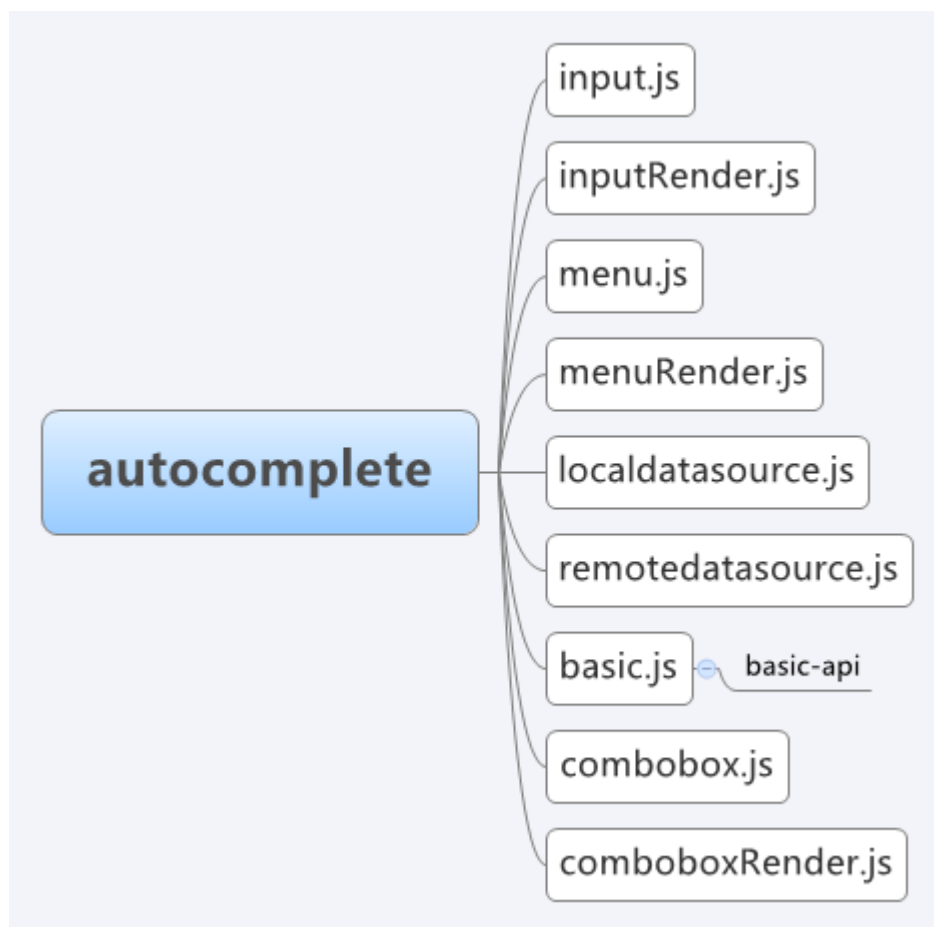
- Design



Design and Reuse



File structure



- Demo



- Demo:
 - <http://docs.kissyui.com/kissy/src/autocomplete/demo.html>
- Extra requirements ?



- Example 1:

今天090	
符合条件的卖家:	
今天	
今天090	
今天1239916	
今天17度	
今天18岁了	
符合条件的店铺:	
今天	
今天 天晴 ~	
今天 明天 未来	
今天 你炫了吗?	
今天 明天	
总商品数	无权限



- Example 2:
 - wantu.taobao.com

测试一下

排在最前

123

新建图集未分类，请到“我的图集”修改

