

sea.js简单使用教程

1. 下载sea.js, 并引入

- 官网: <http://seajs.org/>
- github : <https://github.com/seajs/seajs>
- 将sea.js导入项目: js/libs/sea.js

2. 创建项目结构

```
| -js
|   |-libs
|     |-sea.js
|   |-modules
|     |-module1.js
|     |-module2.js
|     |-module3.js
|     |-module4.js
|     |-main.js
|-index.html
```

3. 定义sea.js的模块代码

- module1.js

```
define(function (require, exports, module) {
    //内部变量数据
    var data = 'atguigu.com'
    //内部函数
    function show() {
        console.log('module1 show() ' + data)
    }

    //向外暴露
    exports.show = show
})
```

- module2.js

```
define(function (require, exports, module) {
  module.exports = {
    msg: 'I will Back'
  }
})
```

- module3.js

```
define(function (require, exports, module) {
  const API_KEY = 'abc123'
  exports.API_KEY = API_KEY
})
```

- module4.js

```
define(function (require, exports, module) {
  //引入依赖模块(同步)
  var module2 = require('./module2')

  function show() {
    console.log('module4 show() ' + module2.msg)
  }

  exports.show = show
  //引入依赖模块(异步)
  require.async('./module3', function (m3) {
    console.log('异步引入依赖模块3 ' + m3.API_KEY)
  })
})
```

- main.js : 主(入口)模块

```
define(function (require) {
  var m1 = require('./module1')
  var m4 = require('./module4')
  m1.show()
  m4.show()
})
```

4. index.html:

```
<!--
```

使用seajs:

1. 引入sea.js库
2. 如何定义导出模块 :

```
define()
```

```
exports
```

```
module.exports
```

3. 如何依赖模块:

```
require()
```

4. 如何使用模块:

```
seajs.use()
```

```
-->
```

```
<script type="text/javascript" src="js/libs/sea.js"></script>
```

```
<script type="text/javascript">
```

```
seajs.use('./js/modules/main')
```

```
</script>
```