第三课 封装等待框

课程目录

一. 面向过程等待框

```
<!DOCTYPE    html    PUBLIC    "-//W3C//DTD    XHTML    1.0    Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
    <title>第三课 封装等待框</title>
    <style>
        *{
            margin:0px;
            padding:0px;
        }
        #wrap{
            width:500px;
            height:500px;
            border:1px solid #ccc;
            margin:30px auto;
            position: relative;
        }
        .loadingWrap{
            width:100px;
            height:100px;
            background: #f60;
```

```
            color:#fff;

            text-align: center;

            position: absolute;

            top:0px;

            left:0px;

            bottom:0px;

            right:0px;

            margin:auto;

        }

        .loadingContent{

            position: absolute;

            height:50px;

            top:0px;

            left:0px;

            bottom:0px;

            right:0px;

            margin:auto;

        }

        .loadingImg{

            width:30px;

            height:30px;

        }

        .loadingText{


        }

    </style>

</head>

<body>

    <div id="wrap">
```

```html
<!-- <div class="loadingWrap">

    <div class="loadingContent">

        <img class="loadingImg" src="./img/loadingImg.gif" alt="" />

        <p class="loadingText">加载中...</p>

    </div>

</div> -->

</div>

<button class="open">打开弹框</button>

<button class="close">关闭弹框</button>

<script>

    function createLoading(){

        var wrap = document.getElementById('wrap');

        if(document.getElementsByClassName('loadingWrap')[0]){

            return;

        }

        var loadingWrap = document.createElement('div');

        var loadingStr = '';

        loadingWrap.setAttribute('class','loadingWrap');

        wrap.appendChild(loadingWrap);

        loadingStr += '<div class="loadingContent">';

        loadingStr += '<img class="loadingImg" src="./img/loadingImg.gif" alt="" />';

        loadingStr += '<p class="loadingText">加载中...</p>';

        loadingStr += '</div>';

        loadingWrap.innerHTML = loadingStr;

    }

    var open = document.getElementsByClassName('open')[0];

    open.onclick = function(){

        createLoading();
```

```
            }

            var close = document.getElementsByClassName('close')[0];

            close.onclick = function(){

                var loadingWrap = document.getElementsByClassName('loadingWrap')[0];

                loadingWrap.parentElement.removeChild(loadingWrap);

            }

        </script>

    </body>

</html>
```

二．面向对象等待框

1. **等待图片、提示文本、背景颜色、文本颜色、父级容器可以配置**
2. **超时关闭等待框**
3. **关闭等待框自定义事件**

```
<!DOCTYPE  html  PUBLIC  "-//W3C//DTD  XHTML  1.0  Strict//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

    <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

    <title>第三课 封装等待框</title>

    <style>

        *{

            margin:0px;

            padding:0px;

        }

        #wrap{

            width:500px;

            height:500px;

            border:1px solid #ccc;
```

```css
    margin:30px auto;

    position: relative;

}

.loadingWrap{

    width:100px;

    height:100px;

    background: #f60;

    text-align: center;

    color:#fff;

    position: absolute;

    top:0px;

    left:0px;

    bottom:0px;

    right:0px;

    margin:auto;

}

.loadingContent{

    position: absolute;

    height:50px;

    top:0px;

    left:0px;

    bottom:0px;

    right:0px;

    margin:auto;

}

.loadingImg{

    width:30px;

    height:30px;

}
```

```
        </style>

</head>

<body>

    <div id="wrap">

        <!-- <div class="loadingWrap">

            <div class="loadingContent">

                <img class="loadingImg" src="./img/loadingImg.gif" alt="" />

                <p>加载中...</p>

            </div>

        </div> -->

    </div>

    <button class="openBtn">打开等待框</button>

    <button class="closeBtn">关闭等待框</button>

    <script>


        function copy(obj1,obj2){

            for(var i in obj2){

                if(String(obj2[i] != '')){

                    obj1[i] = obj2[i]

                }

            }

        }


        function Loading(){

            this.options = {

                loadingText:'加载中...',

                loadingImg:'./img/loadingImg1.gif',

                bgColor:'#f60',

                textColor:'#fff',
```

```
                pid:'wrap',

                time:2000

            };

            this.timer = null;

        }


        Loading.prototype = {

            init:function(data){

                copy(this.options,data);

                this.wrap = document.getElementById(this.options.pid);

            },

            createLoading:function(){

                if(document.getElementsByClassName('loadingWrap')[0]){

                    return;

                }

                var loadingWrap = document.createElement('div');

                var loadingStr = '';

                loadingWrap.setAttribute('class','loadingWrap');

                this.wrap.appendChild(loadingWrap);


                loadingWrap.style.background = this.options.bgColor;


                loadingStr += '<div class="loadingContent">'

                loadingStr += '<img class="loadingImg"
src="'+this.options.loadingImg+'" alt="" />'

                loadingStr += '<p
style="color:'+this.options.textColor+';">'+this.options.loadingText+'</p></div
>';
```

```
        loadingWrap.innerHTML = loadingStr;


        if(this.options.time != 0){
            this.timeClose();
        }


    },
    closeLoading:function(){
        var                    loadingWrap                    =
document.getElementsByClassName('loadingWrap')[0];
            if(loadingWrap){
            loadingWrap.parentElement.removeChild(loadingWrap);
            var _event = new Event('closeEvent', {"bubbles":true,
"cancelable":false});
            this.wrap.dispatchEvent(_event);
        }
    },
    timeClose:function(){
        var that = this;
        this.timer = setTimeout(function(){
            that.closeLoading();
            clearTimeout(this.timer);
        },this.options.time);
    }
}


var option = {
    loadingText:'星星课堂',
    loadingImg:'./img/loadingImg2.gif',
```

```
                    time:2000

                }

        var loadingNode = new Loading();

        loadingNode.init(option);

        loadingNode.wrap.addEventListener('closeEvent',function(){

                console.log('关闭等待框');

        });


        var openBtn = document.getElementsByClassName('openBtn')[0];

        openBtn.onclick = function(){

                loadingNode.createLoading();

        }


        var closeBtn = document.getElementsByClassName('closeBtn')[0];

        closeBtn.onclick = function(){

                loadingNode.closeLoading();

        }


    </script>

</body>

</html>
```

谢谢观看！

我是星星课堂老师：周小周