第 34 章 项目 1-博客前端：封装库--预加载

学习要点：
　　1.问题所在
　　2.设置代码

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　　本节课，我们将编写一个图片加载的功能：延迟加载和预加载；顾名思义，延迟就是推后加载，预加载就是提前加载的意思。

一．问题所在

二．设置代码

```
//HTML 代码
<dl>
    <dt><img xsrc="images/p1.jpg" bigsrc="images/p1big.jpg"
                     src="images/wait_load.jpg" class="wait_load" /></dt>
    <dd>延迟加载图片</dd>
</dl>

<div id="photo_big">
    <h2><img src="images/close.png" alt="" class="close" />图片预加载</h2>
```

```html
        <div class="big">
            <img src="images/loading.gif" alt="" />
            <span class="left"></span>
            <span class="right"></span>
            <strong class="sl">&lt;</strong>
            <strong class="sr">&gt;</strong>
            <em class="index"></em>
        </div>
    </div>
</div>
```

```css
//CSS 代码
#photo_big {
    width:620px;
    height:511px;
    border:1px solid #ccc;
    position:absolute;
    display:none;
    z-index:9999;
    background:#fff;
}
#photo_big h2 {
    height:40px;
    line-height:40px;
    text-align:center;
    font-size:14px;
    letter-spacing:1px;
    color:#666;
    background:url(images/login_header.png) repeat-x;
    margin:0;
    padding:0;
    border-bottom:1px solid #ccc;
    cursor:move;
}
#photo_big h2 img {
    float:right;
    position:relative;
    top:14px;
    right:8px;
    cursor:pointer;
}
#photo_big .big {
    width:620px;
    height:460px;
    padding:10px 0 0;
```

```css
        background:#333;
    }
    #photo_big .big img {
        display:block;
        margin:0 auto;
        position:relative;
        top:190px;
    }
    #photo_big .big strong {
        display:block;
        width:100px;
        height:100px;
        line-height:100px;
        text-align:center;
        background:#000;
        opacity:0;
        filter:alpha(opacity=0);
        font-size:60px;
        color:#fff;
        cursor:pointer;
        position:absolute;
    }
    #photo_big .big strong.sl {
        top:210px;
        left:20px;
    }
    #photo_big .big strong.sr {
        top:210px;
        right:20px;
    }
    #photo_big .big span {
        display:block;
        width:300px;
        height:450px;
        background:#000;
        opacity:0;
        filter:alpha(opacity=0);
        position:absolute;
        cursor:pointer;
    }
    #photo_big .big span.left {
        top:50px;
        left:10px;
    }
```

```css
#photo_big .big span.right {
    top:50px;
    right:10px;
}
#photo_big .big em {
    position:absolute;
    top:480px;
    right:20px;
    color:#fff;
    font-style:normal;
    font-size:14px;
}
```

```javascript
//JS 代码
//图片弹窗
var photo_big = $('#photo_big');
photo_big.center(620, 510).resize(function () {
    if (photo_big.css('display') == 'block') {
        screen.lock();
    }
});
$('#photo dt img').click(function () {
    <!--http://pic2.desk.chinaz.com/file/201212/6/yidaizongshi6.jpg 测试用图-->
    photo_big.center(620, 511).css('display', 'block');
    screen.lock().animate({
        attr : 'o',
        target : 30,
        t : 30,
        step : 10
    });

    var temp_img = new Image();

    $(temp_img).bind('load', function () {
        $('#photo_big .big img').attr('src', temp_img.src).animate({
            attr : 'o',
            target : 100,
            t : 30,
            step : 10
        }).css('width', '600px').css('height', '450px').css('top', 0).opacity(0);
    });

    temp_img.src = $(this).attr('bigsrc');
```

```
        var children = this.parentNode.parentNode;

        prev_next_img(children);
    });
    $('#photo_big .close').click(function () {
        photo_big.css('display', 'none');
        screen.animate({
            attr : 'o',
            target : 0,
            t : 30,
            step : 10,
            fn : function () {
                screen.unlock();
            }
        });
        $('#photo_big .big img').attr('src', 'images/loading.gif').css('width', '32px').
                                        css('height', '32px').css('top', '190px');
    });

    //拖拽
    photo_big.drag($('#photo_big h2').last());

    //图片鼠标划过
    $('#photo_big .big .left').hover(function () {
        $('#photo_big .big .sl').animate({
            attr : 'o',
            target : 50,
            t : 30,
            step : 10
        });
    }, function () {
        $('#photo_big .big .sl').animate({
            attr : 'o',
            target : 0,
            t : 30,
            step : 10
        });
    });

    $('#photo_big .big .right').hover(function () {
        $('#photo_big .big .sr').animate({
            attr : 'o',
            target : 50,
            t : 30,
```

```
                step : 10
        });
}, function () {
    $('#photo_big .big .sr').animate({
            attr : 'o',
            target : 0,
            t : 30,
            step : 10
    });
});


//图片点击上一张
$('#photo_big .big .left').click(function () {
    $('#photo_big .big img').attr('src', 'images/loading.gif').
                                css('width', '32px').css('height', '32px').css('top', '190px');

    var current_img = new Image();

    $(current_img).bind('load', function () {
        $('#photo_big .big img').attr('src', current_img.src).animate({
            attr : 'o',
            target : 100,
            t : 30,
            step : 10
        }).opacity(0).css('width', '600px').css('height', '450px').css('top', 0);
    });

    current_img.src = $(this).attr('src');

    var children = $('#photo dl dt img').ge(prevIndex($('#photo_big .big img').
                                attr('index'), $('#photo').first())).parentNode.parentNode;

    prev_next_img(children);

});

//图片点击下一张
$('#photo_big .big .right').click(function () {
    $('#photo_big .big img').attr('src', 'images/loading.gif').css('width', '32px').
                                    css('height', '32px').css('top', '190px');

    var current_img = new Image();

    $(current_img).bind('load', function () {
```

```
$('#photo_big .big img').attr('src', current_img.src).animate({
            attr : 'o',
            target : 100,
            t : 30,
            step : 10
    }).opacity(0).css('width', '600px').css('height', '450px').css('top', 0);
});

current_img.src = $(this).attr('src');

var children = $('#photo dl dt img').ge(nextIndex($('#photo_big .big img').
                            attr('index'), $('#photo').first())).parentNode.parentNode;

prev_next_img(children);
});

function prev_next_img(children) {
    var prev = prevIndex($(children).index(), children.parentNode);
    var next = nextIndex($(children).index(), children.parentNode);

    var prev_img = new Image();
    var next_img = new Image();

    prev_img.src = $('#photo dl dt img').eq(prev).attr('bigsrc');
    next_img.src = $('#photo dl dt img').eq(next).attr('bigsrc');
    $('#photo_big .big .left').attr('src', prev_img.src);
    $('#photo_big .big .right').attr('src', next_img.src);
    $('#photo_big .big img').attr('index', $(children).index());
    $('#photo_big .big .index').html(parseInt($(children).index()) + 1 + '/' +
                                    $('#photo dl dt img').length());
}

//得到某一数组中当前索引的上一个
function prevIndex(current, parent) {
    var length = parent.children.length;
    if (current == 0) return length - 1;
    return praseInt(current) - 1;
}

//得到某一数组中当前索引的下一个
function nextIndex(current, parent) {
    var length = parent.children.length;
    if (current == length - 1) return 0;
    return parseInt(current) + 1;
```

```
}

//禁止选择文本
function predef(e) {
    e.preventDefault();
}


//对于拖动滚动条时，出现的各种 bug 进行修复
//锁屏功能
Base.prototype.lock = function () {
    for (var i = 0; i < this.elements.length; i ++) {
        this.elements[i].style.width = getInner().width + getScroll().left + 'px';
        this.elements[i].style.height = getInner().height + getScroll().top + 'px';
        this.elements[i].style.display = 'block';
        parseFloat(sys.firefox) < 4 ? document.body.style.overflow = 'hidden' :
                        document.documentElement.style.overflow = 'hidden';
        addEvent(document, 'selectstart', predef);
        addEvent(document, 'mousedown', predef);
        addEvent(document, 'mouseup', predef);
    }
    return this;
};


//解屏功能
Base.prototype.unlock = function () {
    for (var i = 0; i < this.elements.length; i ++) {
        this.elements[i].style.display = 'none';
        parseFloat(sys.firefox) < 4 ? document.body.style.overflow = 'hidden' :
                    document.documentElement.style.overflow = 'hidden';
        removeEvent(document, 'selectstart', predef);
        removeEvent(document, 'mousedown', predef);
        removeEvent(document, 'mouseup', predef);
    }
    return this;
};

//触发浏览器窗口事件
Base.prototype.resize = function (fn) {
    for (var i = 0; i < this.elements.length; i ++) {
        var element = this.elements[i];
        addEvent(window, 'resize', function () {
            fn();
            if (element.offsetLeft > getInner().width + getScroll().left
                                    - element.offsetWidth) {
```

```javascript
                    element.style.left = getInner().width + getScroll().left
                                    - element.offsetWidth + 'px';
                }
                if (element.offsetTop > getInner().height + getScroll().top
                                    - element.offsetHeight) {
                    element.style.top = getInner().height + getScroll().top
                                    - element.offsetHeight + 'px';
                }
            });
        }
        return this;
    };


    //base_drag.js
    if (left < 0) {
        left = 0;
    } else if (left <= getScroll().left) {
        left = getScroll().left;
    } else if (left > getInner().width + getScroll().left - _this.offsetWidth) {
        left = getInner().width + getScroll().left - _this.offsetWidth;
    }

    if (top < 0) {
        top = 0;
    } else if (top <= getScroll().top) {
        top = getScroll().top;
    } else if (top > getInner().height + getScroll().top - _this.offsetHeight) {
        top = getInner().height + getScroll().top - _this.offsetHeight;
    }
```

感谢收看本次教程！

本课程是由北风网(ibeifeng.com)

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