

jQuery UI 实例 - 放置 (Droppable)

为可拖拽小部件创建目标。

如需了解更多有关 droppable 交互的细节，请查看 API 文档 [可放置小部件 \(Droppable Widget \)](#)。

默认功能

在任意的 DOM 元素上启用 droppable 功能，并为可拖拽小部件创建目标。

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>jQuery UI 放置 (Droppable) - 默认功能</title>
  <link rel="stylesheet" href="//code.jquery.com/ui/1.10.4/themes/smoothness/jquery-ui.css">
  <script src="//code.jquery.com/jquery-1.9.1.js"></script>
  <script src="//code.jquery.com/ui/1.10.4/jquery-ui.js"></script>
  <link rel="stylesheet" href="http://jqueryui.com/resources/demos/style.css">
  <style>
    #draggable { width: 100px; height: 100px; padding: 0.5em; float: left; margin: 10px 10px 10px 0; }
    #droppable { width: 150px; height: 150px; padding: 0.5em; float: left; margin: 10px; }
  </style>
  <script>
    $(function() {
      $( "#draggable" ).draggable();
      $( "#droppable" ).droppable({
        drop: function( event, ui ) {
          $( this )
            .addClass( "ui-state-highlight" )
            .find( "p" )
              .html( "Dropped!" );
        }
      });
    });
  </script>
</head>
<body>

  <div id="draggable" class="ui-widget-content">
    <p>请把我拖拽到目标处! </p>
  </div>

  <div id="droppable" class="ui-widget-header">
```

```
<p>请放置在这里! </p>
</div>

</body>
</html>
```

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接受

使用 `accept` 选项指定目标 droppable 接受哪一个元素 (或元素组)。

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>jQuery UI 放置 (Droppable) - 接受</title>
  <link rel="stylesheet" href="//code.jquery.com/ui/1.10.4/themes/smoothness/jquery-ui.css">
  <script src="//code.jquery.com/jquery-1.9.1.js"></script>
  <script src="//code.jquery.com/ui/1.10.4/jquery-ui.js"></script>
  <link rel="stylesheet" href="http://jqueryui.com/resources/demos/style.css">
  <style>
    #droppable { width: 150px; height: 150px; padding: 0.5em; float: left; margin: 10px; }
    #draggable, #draggable-nonvalid { width: 100px; height: 100px; padding: 0.5em; float: left; margin: 10px 10px 10px 0; }
  </style>
  <script>
    $(function() {
      $( "#draggable, #draggable-nonvalid" ).draggable();
      $( "#droppable" ).droppable({
        accept: "#draggable",
        activeClass: "ui-state-hover",
        hoverClass: "ui-state-active",
        drop: function( event, ui ) {
          $( this )
            .addClass( "ui-state-highlight" )
            .find( "p" )
              .html( "Dropped!" );
        }
      });
    });
  </script>
</head>
<body>

<div id="draggable-nonvalid" class="ui-widget-content">
  <p>我是不能被放置的 draggable</p>
```

```
</div>

<div id="draggable" class="ui-widget-content">
  <p>请拖拽我到目标</p>
</div>

<div id="droppable" class="ui-widget-header">
  <p>accept: '#draggable'</p>
</div>

</body>
</html>
```

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防止传播

当使用嵌套的 droppable 时 — 例如，您可以有一个树形的可编辑的目录结构，带有文件夹和文档节点 — `greedy` 选项设置为 `true` 来防止当 draggable 被放置在子节点 (droppable) 上时的事件传播。

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>jQuery UI 放置 (Droppable) - 防止传播</title>
  <link rel="stylesheet" href="//code.jquery.com/ui/1.10.4/themes/smoothness/jquery-ui.css">
  <script src="//code.jquery.com/jquery-1.9.1.js"></script>
  <script src="//code.jquery.com/ui/1.10.4/jquery-ui.js"></script>
  <link rel="stylesheet" href="http://jqueryui.com/resources/demos/style.css">
  <style>
    #draggable { width: 100px; height: 40px; padding: 0.5em; float: left; margin: 10px 10px 10px 0; }
    #droppable, #droppable2 { width: 230px; height: 120px; padding: 0.5em; float: left; margin: 10px; }
    #droppable-inner, #droppable2-inner { width: 170px; height: 60px; padding: 0.5em; float: left; margin:
10px; }
  </style>
  <script>
    $(function() {
      $( "#draggable" ).draggable();

      $( "#droppable, #droppable-inner" ).droppable({
        activeClass: "ui-state-hover",
        hoverClass: "ui-state-active",
        drop: function( event, ui ) {
          $( this )
            .addClass( "ui-state-highlight" )
            .find( "> p" )
              .html( "Dropped!" );
        }
      });
    });
  </script>
</body>
</html>
```

```
        return false;
    }
});

$( "#draggable, #draggable2-inner" ).draggable({
    greedy: true,
    activeClass: "ui-state-hover",
    hoverClass: "ui-state-active",
    drop: function( event, ui ) {
        $( this )
            .addClass( "ui-state-highlight" )
            .find( "> p" )
                .html( "Dropped!" );
    }
});
</script>
</head>
<body>

<div id="draggable" class="ui-widget-content">
    <p>请拖拽我到目标</p>
</div>

<div id="droppable" class="ui-widget-header">
    <p>外部 droppable</p>
    <div id="droppable-inner" class="ui-widget-header">
        <p>内部 droppable (不带有 greedy) </p>
    </div>
</div>

<div id="droppable2" class="ui-widget-header">
    <p>外部 droppable</p>
    <div id="droppable2-inner" class="ui-widget-header">
        <p>内部 droppable (带有 greedy) </p>
    </div>
</div>

</body>
</html>
```

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还原 draggable 的位置

当带有布尔值 `revert` 选项的 `draggable` 停止拖拽时，返回 `draggable` (或它的助手) 到原始位置。

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>jQuery UI 放置 (Droppable) - 还原 draggable 的位置</title>
  <link rel="stylesheet" href="//code.jquery.com/ui/1.10.4/themes/smoothness/jquery-ui.css">
  <script src="//code.jquery.com/jquery-1.9.1.js"></script>
  <script src="//code.jquery.com/ui/1.10.4/jquery-ui.js"></script>
  <link rel="stylesheet" href="http://jqueryui.com/resources/demos/style.css">
  <style>
    #draggable, #draggable2 { width: 100px; height: 100px; padding: 0.5em; float: left; margin: 10px 10px 10px 0; }
    #droppable { width: 150px; height: 150px; padding: 0.5em; float: left; margin: 10px; }
  </style>
  <script>
    $(function() {
      $( "#draggable" ).draggable({ revert: "valid" });
      $( "#draggable2" ).draggable({ revert: "invalid" });

      $( "#droppable" ).droppable({
        activeClass: "ui-state-default",
        hoverClass: "ui-state-hover",
        drop: function( event, ui ) {
          $( this )
            .addClass( "ui-state-highlight" )
            .find( "p" )
              .html( "已放置! " );
        }
      });
    });
  </script>
</head>
<body>

<div id="draggable" class="ui-widget-content">
  <p>当被放置在目标上时还原</p>
</div>

<div id="draggable2" class="ui-widget-content">
  <p>当未被放置在目标上时还原</p>
</div>

<div id="droppable" class="ui-widget-header">
  <p>请放置在这里</p>
</div>
```



```
});  
</script>  
</head>  
<body>  
  
<div id="products">  
  <h1 class="ui-widget-header">产品</h1>  
  <div id="catalog">  
    <h2><a href="#">T-Shirts</a></h2>  
    <div>  
      <ul>  
        <li>Lolcat Shirt</li>  
        <li>Cheezeburger Shirt</li>  
        <li>Buckit Shirt</li>  
      </ul>  
    </div>  
    <h2><a href="#">Bags</a></h2>  
    <div>  
      <ul>  
        <li>Zebra Striped</li>  
        <li>Black Leather</li>  
        <li>Alligator Leather</li>  
      </ul>  
    </div>  
    <h2><a href="#">Gadgets</a></h2>  
    <div>  
      <ul>  
        <li>iPhone</li>  
        <li>iPod</li>  
        <li>iPad</li>  
      </ul>  
    </div>  
  </div>  
</div>  
  
<div id="cart">  
  <h1 class="ui-widget-header">购物车</h1>  
  <div class="ui-widget-content">  
    <ol>  
      <li class="placeholder">添加产品到这里</li>  
    </ol>  
  </div>  
</div>  
  
</body>  
</html>
```

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简单的照片管理器

您可以通过拖拽照片到回收站或者点击回收站图标来删除照片。

您可以通过拖拽照片到相册或者点击回收利用图标来还原照片。

您可以通过点击缩放图标来查看大图。jQuery UI 对话框 (dialog) 部件用于模态窗口。

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>jQuery UI 放置 (Droppable) - 简单的照片管理器</title>
  <link rel="stylesheet" href="//code.jquery.com/ui/1.10.4/themes/smoothness/jquery-ui.css">
  <script src="//code.jquery.com/jquery-1.9.1.js"></script>
  <script src="//code.jquery.com/ui/1.10.4/jquery-ui.js"></script>
  <link rel="stylesheet" href="http://jqueryui.com/resources/demos/style.css">
  <style>
    #gallery { float: left; width: 65%; min-height: 12em; }
    .gallery.custom-state-active { background: #eee; }
    .gallery li { float: left; width: 96px; padding: 0.4em; margin: 0 0.4em 0.4em 0; text-align: center; }
    .gallery li h5 { margin: 0 0 0.4em; cursor: move; }
    .gallery li a { float: right; }
    .gallery li a.ui-icon-zoomin { float: left; }
    .gallery li img { width: 100%; cursor: move; }

    #trash { float: right; width: 32%; min-height: 18em; padding: 1%; }
    #trash h4 { line-height: 16px; margin: 0 0 0.4em; }
    #trash h4 .ui-icon { float: left; }
    #trash .gallery h5 { display: none; }
  </style>
  <script>
    $(function() {
      // 这是相册和回收站
      var $gallery = $( "#gallery" ),
          $trash = $( "#trash" );

      // 让相册的条目可拖拽
      $( "li", $gallery ).draggable({
        cancel: "a.ui-icon", // 点击一个图标不会启动拖拽
        revert: "invalid", // 当未被放置时, 条目会还原回它的初始位置
        containment: "document",
        helper: "clone",
        cursor: "move"
      });

      // 让回收站可放置, 接受相册的条目
      $trash.droppable({
```



```
        accept: "#gallery > li",
        activeClass: "ui-state-highlight",
        drop: function( event, ui ) {
            deleteImage( ui.draggable );
        }
    });

// 让相册可放置, 接受回收站的条目
$gallery.droppable({
    accept: "#trash li",
    activeClass: "custom-state-active",
    drop: function( event, ui ) {
        recycleImage( ui.draggable );
    }
});

// 图像删除功能
var recycle_icon = "<a href='link/to/recycle/script/when/we/have/js/off' title='还原图像' class='ui-icon ui-icon-refresh'>还原图像</a>";
function deleteImage( $item ) {
    $item.fadeOut(function() {
        var $list = $( "ul", $trash ).length ?
            $( "ul", $trash ) :
            $( "<ul class='gallery ui-helper-reset'/>" ).appendTo( $trash );

        $item.find( "a.ui-icon-trash" ).remove();
        $item.append( recycle_icon ).appendTo( $list ).fadeIn(function() {
            $item
                .animate({ width: "48px" })
                .find( "img" )
                .animate({ height: "36px" });
        });
    });
}

// 图像还原功能
var trash_icon = "<a href='link/to/trash/script/when/we/have/js/off' title='删除图像' class='ui-icon ui-icon-trash'>删除图像</a>";
function recycleImage( $item ) {
    $item.fadeOut(function() {
        $item
            .find( "a.ui-icon-refresh" )
            .remove()
            .end()
            .css( "width", "96px" )
            .append( trash_icon )
            .find( "img" )
            .css( "height", "72px" )
            .end()
    });
}
```

```
.appendTo( $gallery )
.fadeIn();
});
}

// 图像预览功能, 演示 ui.dialog 作为模态窗口使用
function viewLargerImage( $link ) {
    var src = $link.attr( "href" ),
        title = $link.siblings( "img" ).attr( "alt" ),
        $modal = $( "img[src$='" + src + "']" );

    if ( $modal.length ) {
        $modal.dialog( "open" );
    } else {
        var img = $( "<img alt='" + title + "' width='384' height='288' style='display: none; padding: 8px;' />" )
            .attr( "src", src ).appendTo( "body" );
        setTimeout(function() {
            img.dialog({
                title: title,
                width: 400,
                modal: true
            });
        }, 1 );
    }
}

// 通过事件代理解决图标行为
$( "ul.gallery > li" ).click(function( event ) {
    var $item = $( this ),
        $target = $( event.target );

    if ( $target.is( "a.ui-icon-trash" ) ) {
        deleteImage( $item );
    } else if ( $target.is( "a.ui-icon-zoomin" ) ) {
        viewLargerImage( $target );
    } else if ( $target.is( "a.ui-icon-refresh" ) ) {
        recycleImage( $item );
    }

    return false;
});
});
</script>
</head>
<body>

<div class="ui-widget ui-helper-clearfix">
```

```
<ul id="gallery" class="gallery ui-helper-reset ui-helper-clearfix">
  <li class="ui-widget-content ui-corner-tr">
    <h5 class="ui-widget-header">High Tatras</h5>
    
    <a href="/wp-content/uploads/2014/03/high_tatras.jpg" title="查看大图" class="ui-icon ui-icon-zoomin">查看大图</a>
    <a href="link/to/trash/script/when/we/have/js/off" title="删除图像" class="ui-icon ui-icon-trash">删除图像</a>
  </li>
  <li class="ui-widget-content ui-corner-tr">
    <h5 class="ui-widget-header">High Tatras 2</h5>
    
    <a href="/wp-content/uploads/2014/03/high_tatras2.jpg" title="查看大图" class="ui-icon ui-icon-zoomin">查看大图</a>
    <a href="link/to/trash/script/when/we/have/js/off" title="删除图像" class="ui-icon ui-icon-trash">删除图像</a>
  </li>
  <li class="ui-widget-content ui-corner-tr">
    <h5 class="ui-widget-header">High Tatras 3</h5>
    
    <a href="/wp-content/uploads/2014/03/high_tatras3.jpg" title="查看大图" class="ui-icon ui-icon-zoomin">查看大图</a>
    <a href="link/to/trash/script/when/we/have/js/off" title="删除图像" class="ui-icon ui-icon-trash">删除图像</a>
  </li>
  <li class="ui-widget-content ui-corner-tr">
    <h5 class="ui-widget-header">High Tatras 4</h5>
    
    <a href="/wp-content/uploads/2014/03/high_tatras4.jpg" title="查看大图" class="ui-icon ui-icon-zoomin">查看大图</a>
    <a href="link/to/trash/script/when/we/have/js/off" title="删除图像" class="ui-icon ui-icon-trash">删除图像</a>
  </li>
</ul>

<div id="trash" class="ui-widget-content ui-state-default">
  <h4 class="ui-widget-header"><span class="ui-icon ui-icon-trash">回收站</span> 回收站</h4>
</div>

</div>

</body>
</html>
```

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视觉反馈

当悬停在 droppable 上时，或者当 droppable 被激活（即一个可接受的 draggable 被放置在 droppable 上）时，改变 droppable 的外观。使用 `hoverClass` 或 `activeClass` 选项来分别指定 class。

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>jQuery UI 放置 (Droppable) - 视觉反馈</title>
  <link rel="stylesheet" href="//code.jquery.com/ui/1.10.4/themes/smoothness/jquery-ui.css">
  <script src="//code.jquery.com/jquery-1.9.1.js"></script>
  <script src="//code.jquery.com/ui/1.10.4/jquery-ui.js"></script>
  <link rel="stylesheet" href="http://jqueryui.com/resources/demos/style.css">
  <style>
    #draggable, #draggable2 { width: 90px; height: 90px; padding: 0.5em; float: left; margin: 10px 10px 10px 0; }
    #droppable, #droppable2 { width: 120px; height: 120px; padding: 0.5em; float: left; margin: 10px; }
    h3 { clear: left; }
  </style>
  <script>
    $(function() {
      $( "#draggable" ).draggable();
      $( "#droppable" ).droppable({
        hoverClass: "ui-state-hover",
        drop: function( event, ui ) {
          $( this )
            .addClass( "ui-state-highlight" )
            .find( "p" )
              .html( "Dropped!" );
        }
      });

      $( "#draggable2" ).draggable();
      $( "#droppable2" ).droppable({
        accept: "#draggable2",
        activeClass: "ui-state-default",
        drop: function( event, ui ) {
          $( this )
            .addClass( "ui-state-highlight" )
            .find( "p" )
              .html( "Dropped!" );
        }
      });
    });
  </script>
```

```
</head>
<body>

<h3>当悬停在 droppable 上时的反馈: </h3>

<div id="draggable" class="ui-widget-content">
  <p>请拖拽我到目标</p>
</div>

<div id="droppable" class="ui-widget-header">
  <p>请放置在这里</p>
</div>

<h3>当激活 draggable 时的反馈: </h3>

<div id="draggable2" class="ui-widget-content">
  <p>请拖拽我到目标</p>
</div>

<div id="droppable2" class="ui-widget-header">
  <p>请放置在这里</p>
</div>

</body>
</html>
```

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