

DRAW & DROP WITH CONTAINMENT OPTION

http://www.tutorialspoint.com/script.aculo.us/scriptaculous_containment_example.htm Copyright © tutorialspoint.com

Description

It specifies an element, or array of elements, that must be a parent of a draggable item in order for it to be accepted by the drop target. By default, no containment constraints are applied.

Syntax

```
Droppables.add('element', {containment: element ID or array of parent's IDs});
```

Example

In this example, you will be able to drop only images whose parent ID is "niceOne".

```
<html>
  <head>
    <title>Drag and Drop Example</title>

    <script type="text/javascript" src="/javascript/prototype.js"></script>
    <script type="text/javascript" src="/javascript/scriptaculous.js"></script>

    <script type="text/javascript">

      window.onload = function() {

        // Make all the images draggables from draggables division.

        $A($('draggables').getElementsByTagName('img')).each(function(item) {
          new Draggable(item, {revert: true, ghosting: true});
        });

        // Make all the images draggables from niceOne division.

        $A($('niceOne').getElementsByTagName('img')).each(
          function(item) {
            new Draggable(item, {revert: true, ghosting: true});
          }
        );

        Droppables.add('droparea', {hoverclass: 'hoverActive', containment:
'niceOne', onDrop: moveItem});

        // Set drop area by default non cleared.
        $('droparea').cleared = false;
      }

      // The target drop area contains a snippet of instructional
      // text that we want to remove when the first item
      // is dropped into it.

      function moveItem( draggable, droparea){

        if (!droparea.cleared) {
          droparea.innerHTML = '';
          droparea.cleared = true;
        }

        draggable.parentNode.removeChild(draggable);
        droparea.appendChild(draggable);
      }
    </script>

    <style type="text/css">
```

```

#draggables {
    width: 172px;
    border: 3px ridge blue;
    float: left;
    padding: 9px;
}

#niceOne {
    width: 172px;
    border: 3px ridge blue;
    float: left;
    padding: 9px;
}

#droparea {
    float: left;
    margin-left: 16px;
    width: 172px;
    border: 3px ridge maroon;
    text-align: center;
    font-size: 24px;
    padding: 9px;
    float: left;
}

.hoverActive {
    background-color: #ffffcc;
}

.niceOne {
    border: 10px dotted red;
}

#draggables img, #droparea img {
    margin: 4px;
    border: 1px solid red;
}

#niceOne img, #droparea img {
    margin: 4px;
    border: 1px solid red;
}

</style>

</head>
<body>

<div >
    
    
    
</div>

<div >
    
    
</div>

<div >
    Drag and Drop Your Images in this area
</div>

</body>
</html>

```

This will produce following result –

