



# Applications Disappear Upon Resizing of Netscape Browser





## Revision History

Revision	Change Description	Updated By	Date
1	Original document		2/20/2001
2	Modified to current template	Drew Robbins	3/6/2001
3			
4			
5			
6			



## Table of Contents

1	Overview .....	1
2	Resolution.....	2



# 1 Overview

---

Resizing a Netscape Navigator 4.x browser causes the published applications to disappear.

This issue stems from a Netscape 4.x browser bug. When the user resizes the current window, the browser re-queries the web server for the current page. However, no JavaScript on the page, or page contained within embedded frames, gets parsed and/or executed. This becomes apparent if the current page contains JavaScript to determine if the current ICA client is installed, and if so, redirection is done to an application list page. If the user clicks the reload button, then everything processes normally. Reload forces a re-query of the Java objects and recreates the page with a fresh enumeration of applications. The problem appears when the user resizes the Netscape window. In most browsers, a resize event will occur that will force the execution of script language to determine if redirection to the application list page is appropriate. With the Netscape browser, since no JavaScript gets executed upon a resize, the user is never redirected to the application list, resulting in a blank window.

**Note:** VBScript does get processed upon a resize.



## 2 Resolution

The resolution is to capture the resize event for the current page (no frames), or parent page containing all the frames. Upon a resize, a function is called to set a session variable to act as a flag. Within the page containing JavaScript logic, a check is made to see if the session variable has been set to 'true'. If so, then a redirection is made to a blank asp page that redirects you back to the current page. This in essence, represents a reload or refresh, causing all the JavaScript to get processed.

### Example: Main.asp

```
// This page is where a user is taken after a successful login.  
// This page contains 2 frames. The first frame contains a client detection page that redirects  
// you to an application list page if the client computer contains the latest client. The other  
// frame contains other random links (not used in this example)
```

```
<%@ language=VBScript%>  
<%  
session("resize") = false // initialize resize session variable to false  
  
function Resize() // gets called upon a resize event.  
    session("resize") = true // sets resize session variable to 'true'  
end function  
>%>  
  
<HTML>  
<HEAD>...</HEAD>  
<FRAMESET COLS="95,*" ONRESIZE=<%Resize()%>>  
    <FRAME SRC="detect.asp"FRAMEBORDER="no" NAME="nfusemain" >  
    <FRAME SRC="otherlinks.asp" FRAMEBORDER="no" NAME="body">  
</FRAMESET>  
</HTML>
```

### Example: Detect.asp

```
// This page does client detection and redirection if the client is present. First a check  
// is made to see if a resize of the Netscape 4.x browser has just occurred. If so,  
// redirection is made to a blank page that redirects back to detect.asp
```

```
<%  
Dim strUA  
strUA = Request.ServerVariables("HTTP_USER_AGENT")  
  
// this does a browser check to make sure that the browser is Netscape  
If InStr(strUA, "Mozilla") Then  
    If InStr(strUA, "compatible;") = 0 Then  
        //check to make sure that a resize event hasn't just occurred..  
        // if so, redirect to a blank page that redirects you back to this page.  
        dim l_strResize  
        l_strResize = Session("resize")  
        if l_strResize = "True" then  
            Session("resize") = "False" // reset variable back to false  
            Response.Redirect("detectredirect.asp")  
        end if  
    End If  
>%>  
  
<script language="javascript">  
// client detection algorithm and application list page redirection resides here
```

</script>

**Example: detectredirect.asp**

```
// This page just redirects you back to detect.asp  
<%  
  response.redirect("detect.asp")  
>%
```

