

?????: Communicating with Flash Lite from JavaScript in a widget (WRT)

Featured Article 

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- Adobe Flash Lite?JavaScript?????
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Flash Lite

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1) Flash???????????

????1 (ActionScript????):

ActionScript????????????????????

```
var total_ram;
var free_ram;
```

????5:

??(????????????)?

????????????????????????2????????????????????????????????'var'????????????????

```
Total_ram_txt
Free_ram_txt
```

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```
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <title>Memory Info</title>
  <script language="javascript">AC_FL_RunContent = 0;</script>
  <script src="AC_RunActiveContent.js" language="javascript"></script>
</head>
<BODY BGCOLOR="#FFFFFF" onload = "load();">
  <embed id="systeminfo" type="application/x-systeminfo-widget" hidden="yes"></embed>
  <script language="javascript">
    if (AC_FL_RunContent == 0) {
      alert("This page requires AC_RunActiveContent.js.");
    } else {
      AC_FL_RunContent (
        'codebase', '[http]://download.macromedia.com/pub/shockwave/cabs/flash/sw',
        'width', '240',
        'height', '320',
        'src', 'network_signal240x320',
        'quality', 'high',
        'pluginspage', 'http://www.macromedia.com/go/getflashplayer',
        'align', 'middle',
        'play', 'true',
        'loop', 'true',
        'scale', 'showall',
        'wmode', 'window',
        'devicefont', 'false',
        'id', 'memInfo',
        'bgcolor', '#ffffff',
        'name', 'memInfo',
        'menu', 'true',
        'allowFullScreen', 'false',
        'allowScriptAccess', 'sameDomain',
        'movie', 'memInfo',
        'salign', ''
      ); //end AC code
    }
  </script>
  <noscript>
  <OBJECT
    CLASSID="clsid:D27CDB6E-AE6D-11cf-96B8-444553540000"
    'codebase',
'http://download.macromedia.com/pub/shockwave/cabs/flash/swflash.cab#version=7,0,0,0',
    ID=memInfo align="middle">
    <param name="allowScriptAccess" value="sameDomain" />
    <param name="allowFullScreen" value="false" />
    <param name="movie" value="memInfo.swf" />
    <param name="quality" value="high" />
    <param name="bgcolor" value="#ffffff" />
  <embed
    src="memInfo.swf"
    quality="high" bgcolor="#ffffff"
    width="240"
    height="320"
    name="memInfo"
    align="middle"
    allowScriptAccess="sameDomain"
    allowFullScreen="false"
    type="application/x-shockwave-flash"
    pluginspage="http://www.macromedia.com/go/getflashplayer" />
  </OBJECT>
  </noscript>
</div>
</BODY>
```


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```
return document.embeds[movieName];
}
else // if (navigator.appName.indexOf("Microsoft Internet")!=-1)
{
return document.getElementById(movieName);
}
}

function AC_communicateWithFlash()
{
//this function checks for Current Ram Space and Drives Space
//and sets the values inside flash.
checkRamSpace();
//memInfo defined in HTML file used for referencing flash Object
var flashMovie=getFlashMovieObject("memInfo");
//following steps assigns the JAVASCRIPT variables values to flash variables placed on
the root timeline.
flashMovie.SetVariable("/:total_ram",totalRamSize);
flashMovie.SetVariable("/:free_ram",freeRamSize );
}
}
```

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- Widget??Flash????????????????????