Automatic Refresh and maintain open Session in Ajax

Information

Description By default, QlikView Server will terminate inactive sessions based upon various settings in the QlikView Management Console. However, there may be situations where one needs to maintain a session, without user interaction. One example would be presenting information on a display in an office, a show booth, or a manufacturing floor.

This article provides an example on how to solve the above issue using the Ajax client.

Note: This will require altering and customizing code shipped with QlikView Server. All customization is done at your own risk and is not covered by QlikTech Support or Maintenance Agreements. Please backup any files prior to modifcation.

Resolution

- On the QlikView Server installation, open Windows Explorer and proceed to the location of the Ajax client files (C:\Program Files\QlikView\QlikView Server\QlikViewClients\QlikViewAjax)
- Make a copy of the file opendoc.htm. Rename the copy to opendoc_automatic.htm
- Edit the copied file and add the following script in the <Head></Head> section:

```
<script type="text/javascript">
function doRefresh() {
        location.reload(true)
}
window.setInterval("doRefresh()",60000);
</script>
```

- Save the file

In the example above, window.setInterval calls a function at specified intervals (in milliseconds). The window will reload every minute, maintaining the session.This may cause disruption for the end-user. In this case another script can be used instead:

```
setInterval(function() {
  var str = '<update></update>';
  $.ajax({
type: 'POST',
        url: '/QvAjaxZfc/QvsViewClient.aspx?mark=' + qva.Mark + '&view=' + qva.View +
'&host=' + qva.Host + '&slot=',
        processData: false,
        data: str,
        dataType: 'xml'
 });
}, 1000*60*1); // Interval to ping the server in ms, 60000 ms = 1 minute. Can be altered
```

This script will send an empty update request in the background using Ajax, preventing the session from timing out. As the request is sent in the background, it will not interfere with any user interaction.

The new opendoc_automatic.htm can be applied to the AccessPoint, affecting all QlikView Documents, or to a single document.

To set the customized opendoc_automatic.htm to be used in AccessPoint, do the following:

- Open QlikView Management Console
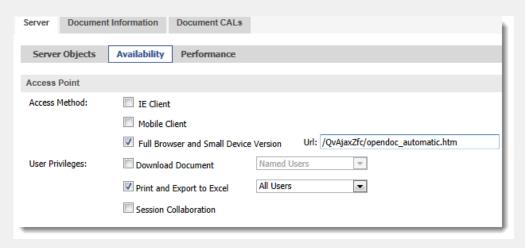- Go to System - Setup - <QlikView Webserver instance> - AccessPoint - Accesspoint Settings

- In Client Paths, change the path for Full Browser and Small Device Version to /QvAjaxZfc/opendoc_automatic.htm

- Click Apply to save changes

To use the customized opendoc_automatic.htm for a single QlikView document do the following:
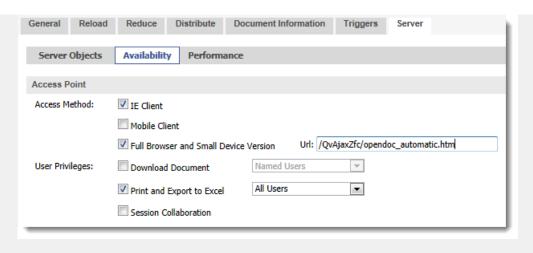
- Open QlikView Management Console
- Go to Documents - User Documents - <Document> - Server - Availability
- Change the path for Full Browser and Small Device Version to /QvAjaxZfc/opendoc_automatic.htm

- Click Apply to save changes

To apply the customized opendoc_automatic.htm using a Distribution Task do the following:

- Open QlikView Management Console
- Go to Documents - Source Documents - <Document> - Server - Availability
- Change the path for Full Browser and Small Device Version to /QvAjaxZfc/opendoc_automatic.htm

- Click Apply to save changes

Tags	customizing, opendoc.htm, maintain session, keep alive,
Attachment 1	
Attachment 2	
Attachment 3	