



WHITE PAPER



# JAVASCRIPT DEBUGGER

Viewing Parameters Sent in an Image Request

April 17, 2008

Version 3.0





# 1 JavaScript Debugger

The JavaScript-based debugger allows you to view the parameters sent in an image request. The debugger supports Microsoft Internet Explorer, Mozilla Firefox, and other web browsers.



**NOTE:** Add-ons will sometimes cause issues with the JavaScript Debugger, specifically Adblocker Plus, which will cause the Debugger window to display with a blank, white screen. To resolve this problem, disable the add-on when you want to use the Debugger, and then enable it again when you are done using the Debugger.

## 1.1 Setting up the Debugger

Follow the steps below to set up the JavaScript Debugger.

1. Open a browser window.
2. Go to any URL, for example, [www.omniture.com](http://www.omniture.com).
3. In the browser window, click **Favorites**.
4. Click **Add to Favorites**.
5. Type the name of the favorite as JavaScript Debugger or some other unique name that will help you identify it.
6. Click **Favorites** again.
7. Right-click the JavaScript Debugger favorite you just created.
8. Click **Properties**.
9. Delete all text from the URL field of the Properties window.
10. Paste the following text into the URL field of the Properties window.

```
javascript:void(window.open("%22%22,%22stats_debugger%22,%22width=600,height=600,location=0,menubar=0,status=1,toolbar=0,resizable=1,scrollbars=1%22).document.write("%22<script language=\%22JavaScript%22 src=\%22https://sitecatalyst.omniture.com/sc_tools/stats_debugger.html%22></%22+%22script%22 +%22<script language=\%22JavaScript%22>window.focus();</script>%22));
```



**NOTE:** This version of the Debugger can be used for debugging flash applications, but cannot be used for versions of Omniture code prior to H.

11. Click **OK**.
12. Click **Favorites** again.
13. Click the name of the favorite you have selected for the debugger, which will display in a new window as shown below.



### 1.3 Variables and Query String Parameters

The following table displays the mapping between the JavaScript variable and the query string parameter in the debugger.

| JavaScript Variable | Query String Parameter |
|---------------------|------------------------|
| pageName            | pageName               |
| server              | server                 |
| pageType            | pageType               |
| channel             | ch                     |
| prop1 - prop50      | c1 - c50               |
| hier1 - hier5       | h1 - h5                |
| campaign            | v0                     |
| state               | state                  |
| zip                 | zip                    |
| events              | events                 |
| products            | products               |
| purchaseID          | purchaseID             |
| eVar1 - eVar50      | v1 - v50               |
| charSet             | ce                     |
| currencyCode        | cc                     |
| visitorNamespace    | Ns                     |
| Referring URL       | R                      |
| Current URL         | g                      |

### 1.4 Other Variables (G Code and H Code)

|                          |   |
|--------------------------|---|
| t                        | Browser time information "DAY/MONTH/YEAR HOUR:MIN:SEC WEEKDAY TIMEZONEOFFSET" |
| s                        | Screen resolution (Width x height)  |
| c                        | Screen color depth (8, 16, 32, etc.)  |
| j                        | JavaScript version (1.0, 1.2, 1.3, etc.)                                      |
| v                        | Java enabled ('Y' or 'N')   |
| k                        | Cookies supported ('Y' or 'N')  |
| bw                       | Browser client window width in pixels   |
| bh                       | Browser client window height in pixels  |
| ct                       | Connection type ('modem' or 'lan')  |
| hp                       | Is current page browser's home page ('Y' or 'N')                              |
| p                        | ',' Separated list of Netscape plug-in names                                  |
| pid                      | Page identifier for ClickMap  |
| pidt                     | Page identifier type for ClickMap   |
| ndh                      | Identifies when an image request is sent from the JavaScript file             |
| oid                      | Object identifier for ClickMap  |
| ot                       | Object tag name for ClickMap  |
| Pe (Ink_d, Ink_e, Ink_o) | s.linkType  |
| pev1                     | Link URL  |
| pev2                     | s.linkname  |

### 1.4.1 Identifying the s\_account Variable in the JavaScript Debugger

When you run the JavaScript Debugger, you may want to look for the s\_account variable. The following figure shows the location of the s\_account variable.

Figure 1-A: JavaScript Debugger Code

```
Image
http://omniture.112.2o7.net/b/ss/omnicom/1/G.9p2/s9569
8397722543?[AQB]
ndh=1
t=12/9/2006 11:2:17 4 360
pageName=Homepage
g=http://www.omniture.com/
cc=USD
c1=Homepage
c2=Homepage
v9=Homepage
v15=general
[AQE]
```

### 1.5 Packet Monitors

Packet monitors provide excellent insight into the success of a SiteCatalyst implementation. Like the Debugger, a packet monitor shows what data parameters are being passed in an image request; however, packet monitors add the ability to view non-page view (custom link, download link, and exit link) image requests, as well as image requests using implementation methods other than JavaScript, including ActionSource and hard-coded image requests. Additionally, in very rare cases, the Debugger will report an image request although no request is actually made. Using a packet monitor is a great way to ensure that an image request is actually being sent to Omniture servers successfully.

While Omniture does not provide an official packet monitor, you can find a wide range of them on the Internet. Some packet monitors, such as *Tamper Data* for Firefox or *HTTPWatch* or *WASP* for Internet Explorer, operate as browser plug-ins, while others, such as *Wireshark* or *Charles*, are standalone applications. Please consult the user manuals for the packet monitor of your choice to ensure that it is configured correctly to capture data on the Omniture image request.



CALL 1.877.722.7088  
1.801.722.0139

[www.omniture.com](http://www.omniture.com)  
[info@omniture.com](mailto:info@omniture.com)

550 East Timpanogos Circle  
Orem, Utah 84097

