OMNITURE™

WHITE PAPER

DIGITALPULSE DEBUGGER

Viewing Data Sent in an Image Request

November 17, 2010 Version 4.0

1 DigitalPulse Debugger

The JavaScript-based DigitalPulse debugger allows you to view the parameters sent in a SiteCatalyst image request, as well as in Test&Target, Recommendations, and Survey beacons, on any web page. The debugger supports Microsoft Internet Explorer, Mozilla Firefox, and other web browsers.

NOTE: Add-ons will sometimes cause issues with the DigitalPulse 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.

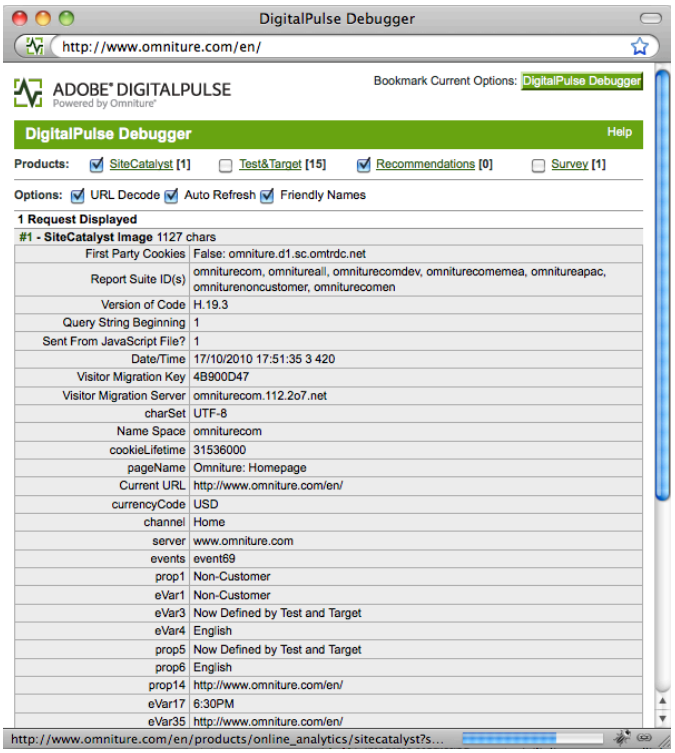
1.1 Setting up the Debugger

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.
3. In the browser window, click **Favorites**.
4. Click **Add to Favorites**.
5. Type the name of the favorite as DigitalPulse Debugger or some other unique name that will help you identify it.
6. Click **Favorites** again.
7. Right-click the DigitalPulse 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,%22dp_debugger%22,%22width=600,height=600,location=0,menubar=0,status=1,toolbar=0,resizable=1,scrollbars=1%22).document.write(%22%3Cscript%20language=\%22JavaScript\%22%20id=dbg%20src=\%22http://www.digitalpulse.omniture.com/dp/debugger.js\%22%3E%3C/%22+%22script%3E%22));

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.



NOTE: The JavaScript Debugger will not open if you have popups blocked. However, if you press the <CTRL> key when you click the JavaScript Debugger favorite, the popup blocker will be ignored. In addition, the debugger does not support HTML frames.

1.2 Alternate Debugger Versions

The version of the debugger received is based on the code that is typed into the URL Field of the Properties Window, as shown in *Setting up the Debugger* in this document. However, you can use other versions of the debugger as described in the following section.

1.2.1 Simple Debugger

The following code, which can be used in lieu of the code displayed on page 2 when setting up the Debugger, will display a standard “Message Box.” The simple Debugger does not display as a pop up and does not offer cookie-related information as is displayed the Debugger used in the steps in *Setting up the Debugger*.

```
javascript:var j=document.styleSheets,i=document.images,r='';for(var
x=0;x<j.length;x++)if(j[x].imports)for(var
y=0;y<j[x].imports.length;y++)if(j[x].imports[y].href.toLowerCase().indexOf('
/b/ss/')>=0)r+=j[x].imports[y].href+"\n\n";for(var
x=0;x<i.length;x++)if(i[x].src.toLowerCase().indexOf('/b/ss/')>=0)r+=i[x].src
+"\n\n";for(w_m in
window)if(w_m.substring(0,4)=='s_i_'&&window[w_m].src)if(window[w_m].src.inde
xOf('/b/ss/')>=0)r+=window[w_m].src;void(alert(unescape(r).replace(/&/g,'\n')
))
```

1.3 Variables and Query String Parameters

The following tables 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
variableProvider	vvp
visitorID	vid
transactionID	xact

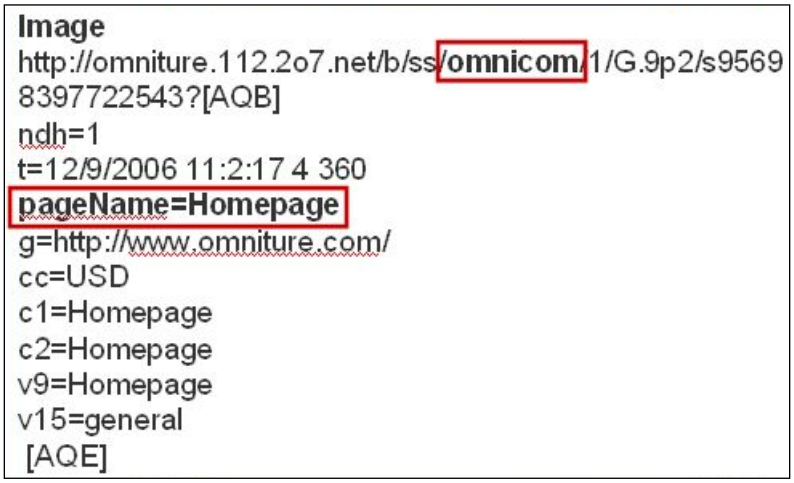
1.4 Other Variables

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 (lnk_d, lnk_e, lnk_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



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* 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.

2 DigitalPulse

The DigitalPulse Debugger is designed to give you a quick, straightforward view of the data captured in various Adobe Online Marketing Suite products on individual pages of your site. However, many suite customers have more advanced needs and concerns around data accuracy, validity, and integrity. Adobe DigitalPulse provides hosted, automated implementation validation and auditing services so that you can ensure the health of your SiteCatalyst and Test&Target data, as well as many other site function and usability measures, such as JavaScript errors, broken links, and more.

DigitalPulse is available as a product in the Online Marketing Suite, and requires no implementation and minimal setup.

For information on Adobe DigitalPulse, contact your Adobe Account Manager or sales representative.

OMNITURE™

CALL 1.877.722.7088
1.801.722.0139

www.omniture.com
info@omniture.com

550 East Timpanogos Circle
Orem, Utah 84097

OMNITURE™