



WHITE PAPER



DYNAMIC ACCOUNTS (H CODE)

Automatically Selecting Report Suite IDs

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Version 1.0



1 Overview

The SiteCatalyst .JS file may be configured to automatically select a Report Suite ID (sometimes referred to as an "account"), based on the occurrence of a specific string or strings within any of the following:

- Host/domain (default setting)
- Path
- Query string
- Host/domain and Path
- Path and Query String
- Full URL

For more information on configuring SiteCatalyst to automatically select a Report Suite ID, contact Omniture Live Support.

1.1 Defining the URL Segment to Match

Given the following sample URL, the portions of the URL are shown below, along with the s.dynamicAccountMatch variable that must be set. (The default - if "s.dynamicAccountMatch" is not defined - is to search the Host/Domain Name only).

Sample URL: <http://www.client.com/directory1/directory2/filename.html?param1=1234¶m2=4321>

Table 1-A: Sample URL

Portion	Example (from above)
Host/Domain Name	www.client.com
Path	directory1/directory2/filename.html
Query String	param1=1234¶m2=4321
Host/Domain and Path	www.client.com/directory1/directory2/filename.html
Path and Query String	directory1/directory2/filename.html?param1=1234¶m2=4321
URL	http://www.client.com/directory1/directory2/filename.html?param1=1234¶m2=4321
Portion	s.dynamicAccountmatch
Host/Domain Name	Undefined
Path	window.location.pathname
Query String	(window.location.search?window.location.search:"?")
Host/Domain and Path	window.location.host+window.location.pathname

Path and Query String	<code>window.location.pathname+(window.location.search?window.location.search:"?")</code>
URL	<code>window.location.href</code>

Consider the following example:

- `s.dynamicAccountSelection=true`
- `s.dynamicAccountList="devreportsuite1=qa.client.com;reportsuite2=clientdirectory;reportsuite1=client.com"`
- `s.dynamicAccountMatch=window.location.host+window.location.pathname`

1.2 Multiple Rules

If multiple rules are selected (see example above), the rules are executed from left to right, and stop as soon as a match is made, as shown below (with the given set of rules).

- `s.dynamicAccountSelection=true`
- `s.dynamicAccountList="devreportsuite1=qa.client.com;reportsuite1=client.com"`

The code will first check to determine if "qa.client.com" exists within the Host/Domain Name. If so, the report suite "devreportsuite1" is selected, and the match stops.



NOTE: Separate multiple rules with semi-colons.

1.3 Default Report Suite

The `s_account` variable may be set first, and will act as a default value in case any of the specified strings cannot be found. Here's an example:

```
var s_account="defaultreportsuiteid"
s.dynamicAccountSelection=true
s.dynamicAccountList="devreportsuite1=qa.client.com;reportsuite1=client.com"
```

In the case above, if the host/domain name did not contain either "qa.client.com" or "client.com," the report suite "defaultreportsuiteid" would be used.

2 Common Errors

Common errors in dynamic accounts are described in the following sections.

2.1 "Hard Coded" Account

If the desire is to always send data to a specific report suite, set "s_dynamicAccountSelection" to "false" (alternately, the variables may be removed altogether):

```
var s_account="defaultreportsuiteid"
REMOVE: s.dynamicAccountSelection=true
REMOVE: s.dynamicAccountList="devreportsuite1=qa.client.com;reportsuite1=client.com"
```

In the case above, "defaultreportsuiteid" will always be used after the other two lines are removed.

2.2 Placement of Code

Defining "s_account" after the lines of code will not override the dynamic account selection, as shown below.

```
var s_account="defaultreportsuiteid"
s.dynamicAccountSelection=true
s.dynamicAccountList="devreportsuite1=qa.client.com;reportsuite1=client.com"
s_account="anotherreportsuiteid"
```

In the example above, the account "anotherreportsuiteid" overrides "defaultreportsuiteid," but does not override any matches that occur in "s.dynamicAccountList." The function that evaluates "s.dynamicAccountList" is actually executed much later in the .JS file.

2.3 Multi-Suite Tagging

Multi-suite tagging may be used in conjunction with dynamic account selection, as shown below.

```
s.dynamicAccountSelection=true
s.dynamicAccountList="suiteid1,suiteid2=client.com"
```

2.4 Dynamic Account Match

Do not put the dynamic account match variables in quotes. The options are displayed below.

Table 2-A: Options

Host/Domain Name	None
Query String	s.dynamicAccountMatch=(window.location.search?window.location.search:"?")
Host/Domain and Path	s.dynamicAccountMatch=window.location.host+window.lcation.pathname
Path and Query String	s.dynamicAccountMatch=window.location.pathname+(window.location.search?window.location.search""?)
Full URL	s.dynamicAccountMatch=window.location.href



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