Adobe Analytics Tech Specs

##Technical Specification Document: Abbott Colibri Website

###Introduction

This document outlines the technical specifications for the implementation of a data layer for Adobe Analytics. The data layer, named "adobeDataLayer", will provide information from backend systems to be accessed in Adobe Launch and power the implementation of Adobe Analytics.

##Adobe Launch Snippet

The following snippet should be pasted this code inside the \<head\> tag of your dev environments.

```
1 <script src="<https://assets.adobedtm.com/la1f0c5245aa/e32bba91f972/launch-5c5e59ebee21-development.min.js"> async></script>
```

The following snippet should be pasted this code inside the \<head\> tag of your prod environment.

```
1 <script src="<https://assets.adobedtm.com/1a1f0c5245aa/e32bba91f972/launch-b132a56ee8b4.min.js"> async></script>
```

###Event: page view - home

On load of the home screen the following data should be pushed into the dataLayer

###Event: page view - dashboard > tests in process

On load of the dashboard > tests in process screen the following data should be pushed into the dataLayer

###Event: page view - dashboard > your results

On load of the dashboard > your results screen the following data should be pushed into the dataLayer

```
window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
     "event": "screen_view",
4
       "beaconId": "02.02.01",
5
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
     "page": {
           "pageName": "your results",
          "pageLevel1": "dashboard",
8
          "pageLevel2": "dashboard > your results",
10
           "pageLevel3": "dashboard > your results"
11
      }
12 });
```

###Event: page view - dashboard > your results details page

On load of the dashboard > your results detail screen the following data should be pushed into the dataLayer

```
window.adobeDataLayer = window.adobeDataLayer || [];

window.adobeDataLayer.push({
    "event": "screen_view",
    "beaconId": "02.02.02",

"loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n

"page": {
    "pageName": "your result details",
    "pageLevel1": "dashboard",
    "pageLevel2": "dashboard > your results",
```

```
"pageLevel3": "dashboard > your results > your result details"

11  }
12 });
```

###Event: page view - dashboard > order history

On load of the dashboard > order history screens the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
 2 window.adobeDataLayer.push({
       "event": "screen_view",
 4
       "beaconId": "02.03.01",
       "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
 5
 6
       "page": {
          "pageName": "order history",
          "pageLevel1": "dashboard",
"pageLevel2": "dashboard > order history",
 8
 9
          "pageLevel3": "dashboard > order history"
10
11
      }
12 });
```

###Event: page view - dashboard > order history details

On load of the dashboard > order history details screens the following data should be pushed into the dataLayer

```
window.adobeDataLaver = window.adobeDataLaver || []:
2 window.adobeDataLayer.push({
      "event": "screen_view",
       "beaconId": "02.09.01",
5
       "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
 6
         "pageName": "order history details",
 8
          "pageLevel1": "dashboard",
          "pageLevel2": "dashboard > order history",
9
          "pageLevel3": "dashboard > order history > order history details"
10
11
      }
12 });
```

###Event: page view - dashboard > manage account

On load of the dashboard > manage account screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
      "event": "screen_view",
      "beaconId": "02.04.01",
5
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
      "page": {
6
          "pageName": "manage account",
          "pageLevel1": "dashboard",
          "pageLevel2": "dashboard > manage account",
9
          "pageLevel3": "dashboard > manage account"
10
11
      }
12 });
```

###Event: page view - dashboard > manage account > edit address

On load of the dashboard manage account > edit address screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
     "event": "screen_view",
3
4
      "beaconId": "02.05.01",
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
      "page": {
          "pageName": "edit address",
7
8
          "pageLevel1": "dashboard",
          "pageLevel2": "dashboard > manage account",
10
           "pageLevel3": "dashboard > manage account > edit address"
11
      }
12 });
```

###Event: page view - dashboard > manage account > edit personal info

On load of the dashboard manage account > edit personal info screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
      "event": "screen_view",
4
      "beaconId": "02.06.01",
5
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
     "page": {
7
          "pageName": "edit personal info",
         "pageLevel1": "dashboard",
8
         "pageLevel2": "dashboard > manage account",
9
10
    "pageLevel3": "dashboard > manage account > edit personal info"
```

```
11 }
12 });
```

###Event: page view - dashboard > manage account > consent text messaging

On load of the dashboard manage account >consent text messaging screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
      "event": "screen_view",
      "beaconId": "02.07.01",
5
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
6
     "page": {
         "pageName": "consent text messaging",
         "pageLevel1": "dashboard",
9
          "pageLevel2": "dashboard > manage account".
10
          "pageLevel3": "dashboard > manage account > consent text messaging"
11
12 });
```

###Event: page view - dashboard > manage account > consent product info

On load of the dashboard manage account > consent product info screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLaver.push({
3
      "event": "screen_view",
       "beaconId": "02.08.01",
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
     "page": {
 6
           "pageName": "consent product info",
          "pageLevel1": "dashboard",
9
          "pageLevel2": "dashboard > manage account",
           "pageLevel3": "dashboard > manage account > consent product info"
10
11
      }
12 });
```

###Event: page view - product listing page

On load of the product listing screen the following data should be pushed into the dataLayer. The products array should include all products if there are more than 1

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
    "event": "prodView".
3
4
    "beaconId": "03.01.01",
5 "loggedIn": "y/n", // pass the logged in status of the user; accepted values are y or n
6 "page": {
      "pageName": "product listing",
    "pageLevel1": "product listing",
      "pageLevel2": "product listing",
     "pageLevel3": "product listing"
10
11 },
12
     "item":{
13
    "products": [
14 {
      "productPrice": "150", // price of the item
15
16
    "productName": "transform", // product name
      "productId": "123", // product id or sku
17
      "productQty": "1" // number of items purchased
18
19 },
20
     "productPrice": "80", // price of the item
21
22
      "productName": "accelerate", // product name
      "productId": "456", // product id or sku
23
      "productQty": "2" // number of items purchased
24
25
26
27 }
28 });
```

###Event: page view - product display page

On load of the product display screen the following data should be pushed into the dataLayer.

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
    "event": "prodView".
3
4
    "beaconId": "03.02.01",
 5 "loggedIn": "y/n", // pass the logged in status of the user; accepted values are y or n
 6
    "page": {
       "pageName": "product display",
7
      "pageLevel1": "product display",
       "pageLevel2": "product display",
      "pageLevel3": "product display"
10
11
    },
```

```
12 "item":{
13
     "products": [
14
15
      "productPrice": "150", // price of the item
16
       "productName": "transform", // product name
       "productId": "123", // product id or sku
17
18
      "productQty": "1" // number of items purchased
19
20
21
    }
22 });
```

###Event: page view - about us

On load of the about us screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
 2 window.adobeDataLayer.push({
3
       "event": "screen_view",
       "beaconId": "04.01.01",
4
 5
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
       "page": {
           "pageName": "about us",
          "pageLevel1": "about us",
 8
 9
          "pageLevel2": "about us > about us",
           "pageLevel3": "about us > about us"
11
      }
12 });
```

###Event: page view - about us > how it works

On load of the about us > how it works screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
 2 window.adobeDataLayer.push({
       "event": "screen_view",
       "beaconId": "04.02.01",
 4
       "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
 5
 6
       "page": {
          "pageName": "how it works",
          "pageLevel1": "about us",
"pageLevel2": "about us > how it works",
 8
 9
10
          "pageLevel3": "about us > how it works"
11
      }
12 });
```

###Event: page view - about us > sample results

On load of the about us > sample results screen the following data should be pushed into the dataLayer

```
window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
      "event": "screen_view",
      "beaconId": "04.03.01",
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n \,
5
       "page": {
6
         "pageName": "sample results",
8
           "pageLevel1": "about us",
          "pageLevel2": "about us > sample results",
9
10
          "pageLevel3": "about us > sample results"
11
      }
12 });
```

###Event: page view - activate

On load of the activate screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
     "event": "screen_view",
3
      "beaconId": "05.01.01",
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
     "page": {
6
7
          "pageName": "activate",
8
          "pageLevel1": "activate",
          "pageLevel2": "activate",
          "pageLevel3": "activate"
10
11
      }
12 });
```

###Event: activation_start- activate > test details

s.events: screen_view, activation_start

On load of the activate > test details screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
3
      "event": "activation_start",
4
      "beaconId": "05.02.01",
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
5
6
     "page": {
          "pageName": "test details",
         "pageLevel1": "activate",
9
          "pageLevel2": "activate > test details",
          "pageLevel3": "activate > test details"
10
11
12 });
```

###Event: activation_step2 - activate > personal information

s.events: screen_view, activation_step2, form_start

On load of the activate > personal information screen the following data should be pushed into the dataLayer

```
window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
      "event": "activation_step2"
      "beaconId": "05.03.01",
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
5
6
         "pageName": "personal information",
         "pageLevel1": "activate",
8
          "pageLevel2": "activate > personal information".
9
10
         "pageLevel3": "activate > personal information"
11
      },
12
      "formName": "activation"
13 });
```

###Event: activation_step3 - activate > test questions

s.events: screen_view, activation_step3

On load of the activate > test questions screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
      "event": "activation_step3",
       "beaconId": "05.04.01",
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
5
6
     "page": {
          "pageName": "test questions",
          "pageLevel1": "activate",
9
          "pageLevel2": "activate > test guestions".
10
          "pageLevel3": "activate > test questions"
11
12 });
```

###Event: activation_step4 - activate > test review

s.events: screen_view, activation_step4

On load of the activate > test review screen the following data should be pushed into the dataLayer

```
window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
       "event": "activation_step4",
       "beaconId": "05.05.01",
5
       "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n \,
6
           "pageName": "test review",
           "pageLevel1": "activate".
8
           "pageLevel2": "activate > test review",
9
10
          "pageLevel3": "activate > test review"
11
12
       "questionnaireResponse": "Q1:Q1 answer|Q2:Q2 answer|Q3:Q3 answer|Q4:Q4 answer"
13 });
```

###Event: activation_complete - activate > collection instructions

 $s.events: \ {\tt creen_view, \ activation_complete, \ form_complete}$

On load of the activate > collection instructions screen the following data should be pushed into the dataLayer

- · 'Carts' only
- · 'Cart views' triggers every time a visitor views their shopping cart.
- · 'Cart additions' triggers for every product added to their cart.

###Event: scOpen: triggers once per purchase when a visitor adds their first product to their shopping cart.

On the cart component loads for the first time in the purchase the following data should be pushed into the dataLayer.

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
 2 window.adobeDataLayer.push({
       "event": "scOpen",
3
       "beaconId": "07.01.01",
4
      "loggedIn": "y/n", // pass the logged in status of the user accepted values are y or n
      "page": {
 6
          "pageName": "cart",
 7
          "pageLevel1": "cart",
 8
           "pageLevel2": "cart",
9
          "pageLevel3": "cart"
10
11
     },
12
       "item":{
13
      "products": [
14
           "productPrice": "125", // price of the item
15
         "productName": "Product1", // product name
16
          "productId": "123", // product id or sku
"productQty": "1" // number of items purchaed
17
18
19
20
21
       },
22 });
```

###Event: scview: triggers every time a visitor views their shopping cart.

Whenever user opens the shopping cart the following data should be pushed into the dataLayer.

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
 2 window.adobeDataLayer.push({
        "event": "scView",
3
 4
       "beaconId": "07.01.02",
      "loggedIn": "y/n", // pass the logged in status of the user accepted values are y or n
 6
      "page": {
           "pageName": "cart",
 7
          "pageLevel1": "cart",
 8
            "pageLevel2": "cart",
 9
           "pageLevel3": "cart"
10
11
      },
12
        "item":{
13
      "products": [
14
        "productPrice": "125", // price of the item
"productName": "Product1", // product name
"productId": "123", // product id or sku
15
16
17
           "productQty": "1" // number of items purchaed
18
19
20
        ]
21
        },
22 });
```

###Event: scAdd : triggers for every product added to their cart.

When user adds any products to the shopping cart the following data should be pushed into the dataLayer.

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
      "event": "scAdd",
      "beaconId": "07.01.03".
4
5
      "loggedIn": "y/n", // pass the logged in status of the user accepted values are y or n
      "page": {
         "pageName": "cart",
7
         "pageLevel1": "cart",
8
9
          "pageLevel2": "cart",
         "pageLevel3": "cart"
10
     },
11
      "item":{
12
13
     "products": [
```

```
14 {
15     "productPrice": "125", // price of the item
16     "productName": "Product1", // product name
17     "productId": "123", // product id or sku
18     "productQty": "1" // number of items purchaed
19     }
20     ]
21     },
22  });
```

###Event: scRemove : triggers when the product is removed from the cart.

When user removes a product from the shopping cart the following data should be pushed into the dataLayer.

```
window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
      "event": "scRemove",
      "beaconId": "07.01.04",
5
      "loggedIn": "y/n", // pass the logged in status of the user accepted values are y or n
      "page": {
6
           "pageName": "cart",
7
8
          "pageLevel1": "cart",
          "pageLevel2": "cart",
9
          "pageLevel3": "cart"
10
11
     },
      "item":{
12
13
       "products": [
14
15
          "productPrice": "125", // price of the item
16
          "productName": "Product1", // product name
          "productId": "123", // product id or sku
17
18
         "productQty": "1" // number of items purchaed
19
     ]
20
21
      },
22 });
```

###Event: scCheckout

s.events: scCheckout, form_start

On load of the checkout screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
       "event": "scCheckout",
       "beaconId": "06.01.01",
       "loggedIn": "y/n", // pass the logged in status of the user accepted values are y or n \,
 5
 6
       "page": {
           "pageName": "checkout",
 8
           "pageLevel1": "checkout",
          "pageLevel2": "checkout",
 9
          "pageLevel3": "checkout"
10
11
       },
12
       "item":{
       "products": [
13
14
15
         "productPrice": "125", // price of the item
          "productName": "Product1", // product name
"productId": "123", // product id or sku
16
17
18
           "productQty": "1" // number of items purchaed
19
      1
20
21
22
        "formName":"checkout"
23 });
```

###Event: page view - order confirmation

On load of the order confirmation screen the following data should be pushed into the dataLayer

```
window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
      "event": "purchase",
3
4
      "beaconId": "06.02.01",
      "loggedIn": "y/n", // pass the logged in status of the user accepted values are y or n
       "page": {
6
7
          "pageName": "order_confirmation",
8
          "pageLevel1": "checkout",
          "pageLevel2": "order_confirmation",
9
          "pageLevel3": "order_confirmation"
10
11
      "item":{
12
13
      "products": [
14
```

```
"productPrice": "125", // price of the item
15
         "productName": "Product1", // product name
"productId": "123", // product id or sku
16
17
          "productQty": "1" // number of items purchaed
18
19
20
           1
21
         },
22
          "transactionId": "123456789",
23
24
          "paymentType": "Credit Card" //tracks the method of payment [credit card, paypal, etc)]
25
26 });
27
```

###Event: page view - rights request form

s.events: screen_view, form_start

On load of the rights request form screen the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLayer.push({
       "event": "rightsrequestform",
3
       "beaconId": "08.01.01",
5
       "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
           "pageName": "rights request form",
          "pageLevel1": "rights request form",
8
9
           "pageLevel2": "rights request form",
10
          "pageLevel3": "rights request form"
11
       }
       "formName":"rights request form",
12
13 });
```

###Event: scroll event - on all pages

//No need to implement scroll event, this has already been implemented through Adobe launch

On scroll of the any screen the following data should be pushed into the dataLayer

```
window.adobeDataLayer = window.adobeDataLayer || [];
2 window.adobeDataLaver.push({
      "event": "scroll_event",
3
4
      "beaconId": "10.01.01",
      "loggedIn": "y/n", // pass the logged in status of the user. accepted values are y or n
     "page": {
6
          "pageName": "expected value",
         "pageLevel1": "expected value",
9
          "pageLevel2": "expected value",
          "pageLevel3": "expected value",
10
11
     },
12
       "percentPageViewed": "expected value", // pass the percentage of the page scrolled ex: 25, 50, 75, 100
13 });
```

###Event: activation_abandoned - activation process page and this is handled through Adobe launch.

 $s.events: \ activation_abandoned, form_abandoned$

###Event: cart_abandoned - checkout page and this is handled through Adobe launch.

s.events: cart_abandoned, form_abandoned

###Event: Login- after the successful login

On the successful login the following data should be pushed into the dataLayer

```
1 window.adobeDataLayer = window.adobeDataLayer || [];
 2 window.adobeDataLayer.push({
       "event": "login",
        "beaconId": "09.01.01".
4
        "loggedIn": "y", // pass the logged in status of the user, this value is y for this event.
       "page": {
             "pageName": "", //pass the pageName after succesful login
"pageLevel1": "", //pass the pageLevel1 after succesful login
              "pageName": "",
 7
 8
            "pageLevel2": "", //pass the pageLevel2 after succesful login
"pageLevel3": "" //pass the pageLevel3 after succesful login
              "pageLevel3": ""
10
      }
11
12 });
```

###Event: Logout- after the successful logout

On the successful logout the following data should be pushed into the dataLayer

```
window.adobeDataLayer = window.adobeDataLayer || [];
window.adobeDataLayer.push({
```

```
"event": "logout",

beaconId": "09.01.02",

"loggedIn": "n", // pass the logged in status of the user, this value is n for this event.

"page": {

"pageName": "", //pass the pageLevel1 logout

"pageLevel1": "", //pass the pageLevel2 after succesful logout

"pageLevel2": "", //pass the pageLevel2 after succesful logout

"pageLevel3": "" //pass the pageLevel3 after succesful logout

"pageLevel3": "" //pass the pageLevel3 after succesful logout

"pageLevel3": "" //pass the pageLevel3 after succesful logout
```

###Event: SignUp- after the successful signup

On the successful signup the following data should be pushed into the dataLayer

location on the page where the link lives. Below are some potential examples.

###Data Attributes for click tracking

##HTML Attributes:

In addition to the above adobeDataLayer dataLayer, we will need HTML attributes to be added to links that are to be tracked

data-attrribute should be addeded to links that need to be tracked. These attribute names are pretty lengthy individually. The W3C HTML5 spec states that any non-standard attributes should start with "data-". There can be other "data-" attributes in use, so its best if developers see "analytics-" to make it clear that the attribute belongs to the analytics team and they shouldn't remove it.

Because the same link can exist in multiple locations we will use the following methodology for tracking links within th sections of the page <hr>

 ###Example data-analytics-attribute

Inside the HTML for any custom link there should be a data-analytics-action attribute which would be the value of the text or a description of what the link is about. The data-analytics-location would be the

```
1 data-analytics-location="footer"
2 data-analytics-action = "about us"
```

data-analytics-locations

<0|>

Header

Section 1

Section 2

Section 3

Section 3Section 4

etc

footer