

Data Objects Documentation

Solving Sizing. Sell Smarter.

Intro

Fit Finder relies on various elements on your brand's website, which means our integration can be impacted by changes made to any of our dependencies. Changes to your shop's design and infrastructure are expected and we want to avoid unforeseen changes causing Fit Finder to no longer load correctly. A simple way to prevent Fit Finder outages resulting from changes to our dependency elements is to have your team add specific Fit Finder objects on the PDP (Product Detail Page) and OCP (Order Confirmation Page), which contain only the necessary information Fit Finder requires. The data objects will ensure a more robust integration.

Important properties of the Product Detail Page Object

- The object matches the template exactly as provided by Fit Analytics
- The object updates whenever the user changes the color or navigates to a different product
- The array of all product Ids "allItemSubgroupIds" contains the current product id "currentItemSubgroupId" value
- The sizes that exist in the object matches the OCP and the product feed.
- Also, the correct size availability is reflected in the object
- experimentFunnel is reported in case of an external A/B test
- userId is unique for logged in users and doesn't depend on the session, it should be consistent and has the same value as the OCP. It also should be null in case of guest users.

For the Product Detail Page - Template

```
fitAnalyticsData = {  
  shopLanguage: 'xx', // ISO 639-1, e.g. 'en'  
  shopCountry: 'XX', // ISO 3166-1, e.g. 'GB'  
  mainImageLink: 'xxxxx', // URL to thumbnail to be displayed within the widget  
  userId: 'xxxxx', // user ID, not email  
  currentItemSubgroupId: 'xxxx', // current color-level ID  
  allItemSubgroupIds: ['xxx', 'xxx', 'xxx', 'etc.'], // all color-level IDs on the page  
  shopSessionId: 'xxxx', // shop session id: a first-party client generated session ID (can be a  
  cookie) [we use it to track the purchase & keep our data persistent]  
  experimentFunnel: 'xxxx', // in case of external A/B test
```

```
sizes: [
  {value: '42', isAvailable: true},
  {value: '44', isAvailable: false},
  {value: '46', isAvailable: false}
],
// helper functions or paths to functions (relative to `window`) to
// select DOM elements or execute operations.
operations: {
  /**
   * @returns the HTML element of the add-to-cart button
   */
  getAddToCartBtn: function () {},
  /**
   * @returns the HTML element of the size chart button
   */
  getSizeChartLink: function () {},
  /**
   * This function should add the given size to cart for the given product id
   ("currentItemSubgroupId" - color level)
   * @param {string} currentItemSubgroupId
   * @param {string} size
   */
  addToCart: function (currentItemSubgroupId, size) {},
  /**
   * Select the given size for the given product id ("currentItemSubgroupId" - color level)
   * @param {string} currentItemSubgroupId
   * @param {string} size
   */
  selectSize: function (currentItemSubgroupId, size) {},
  /**
   * @returns {string} the currently selected size
   */
  getCurrentSize: function () {},
  /**
   * This is required for implementing the Multiple-Sizes-Alert (MSA) feature
   * @returns {Promise|Object|Array} all current cart items
   */
  getCartItems: function () {}
  // ...
}
};
```

Important properties of the Order Confirmation Page Object

1. The object matches the template provided by Fit Analytics
2. The sizes for the purchased items match the sizes in the PDP, the product feed and returns feed
3. All product Ids ("itemSubgroupId") for the purchased items match the format provided by Fit Analytics, and the same for the itemId (previously shopArticleCode) and gtin (EAN) if provided by Fit Analytics
4. The prices that are reported in the object matches exactly what the user has paid, including taxes and taking sales into account
5. experimentFunnel is reported in case of an external A/B test
6. userId is unique for logged in users and doesn't depend on the session, it should be consistent and has the same value as the PDP. It also should be null in case of guest users

For the Order Confirmation Page - Template

```
fitAnalyticsData = {
  orderId: 'xxxxxx',
  shopLanguage: 'xx', // ISO 639-1, e.g. 'en'
  shopCountry: 'XX', // ISO 3166-1, e.g. 'GB'
  currency: 'XXX', // ISO 4217, e.g. 'EUR'
  userId: 'xxxx', // user ID, not email
  shopSessionId: 'xxxx', // shop session id: a first-party client generated session ID (can be a cookie)
  experimentFunnel: 'xxxx', // in case of external A/B test
  products: [
    { // purchased product nr 1
      size: 'xx', // purchased size
      itemId: 'xxxxxxxxx', // size-level ID
      itemSubgroupId: 'xxxxxxx', // color-level ID
      price: 'XX', // per item
      quantity: 'x', // number of purchased items
      gtin: 'xxxxxxxxxxxxx' // EAN/GTIN/UPC
    },
    { // purchased product nr 2
      size: 'xx',
      itemId: 'xxxxxxxxx',
```

```
    itemSubgroupId: 'xxxxxxx',  
    price: 'XX',  
    quantity: 'x',  
    gtin: 'xxxxxxxxxxxxx'  
  }  
  //... the same per each purchased product  
]  
};
```