

# Package ‘shopifyr’

February 20, 2015

**Type** Package

**Title** An R Interface to the Shopify API

**Version** 0.28

**Date** 2014-07-28

**Author** Charlie Friedemann

**Maintainer** Charlie Friedemann <cfriedem@gmail.com>

**Description** An interface to the API of the E-commerce service Shopify  
(<http://docs.shopify.com/api>)

**URL** <https://github.com/charliebone/shopifyr/>

**License** GPL-3

**Depends** R (>= 3.0), RCurl

**Imports** R6 (>= 2.0), RJSONIO

**Collate** 'Announcement.R' 'ApplicationCharge.R' 'Article.R' 'Asset.R'  
'Blog.R' 'CarrierService.R' 'Checkout.R' 'Collect.R'  
'Comment.R' 'Country.R' 'CustomCollection.R' 'Customer.R'  
'CustomerGroup.R' 'Event.R' 'Fulfillment.R'  
'FulfillmentService.R' 'Location.R' 'MetaField.R' 'Order.R'  
'OrderRisks.R' 'Page.R' 'Product.R' 'ProductImage.R'  
'ProductVariant.R' 'Province.R' 'RecurringApplicationCharge.R'  
'Redirect.R' 'Refund.R' 'ScriptTag.R' 'Shop.R' 'private.R'  
'Webhook.R' 'Transaction.R' 'Theme.R' 'SmartCollection.R'  
'ShopifyShop.R' 'shopifyr-package.R'

**NeedsCompilation** no

**Repository** CRAN

**Date/Publication** 2014-08-27 18:04:04

## R topics documented:

Announcements . . . . .	2
ApplicationCharge . . . . .	3
Article . . . . .	4

Asset . . . . .	5
Blog . . . . .	5
CarrierService . . . . .	6
Checkout . . . . .	7
Collect . . . . .	8
Comment . . . . .	8
Country . . . . .	9
CustomCollection . . . . .	10
Customer . . . . .	11
CustomerGroup . . . . .	12
Event . . . . .	13
Fulfillment . . . . .	13
FulfillmentService . . . . .	14
Location . . . . .	15
Metafield . . . . .	15
Order . . . . .	16
OrderRisks . . . . .	17
Page . . . . .	18
Product . . . . .	19
ProductImage . . . . .	19
ProductVariant . . . . .	20
Province . . . . .	21
RecurringApplicationCharge . . . . .	22
Redirect . . . . .	22
Refund . . . . .	23
ScriptTag . . . . .	24
Shop . . . . .	25
shopifyr . . . . .	25
ShopifyShop . . . . .	26
SmartCollection . . . . .	31
Theme . . . . .	32
Transaction . . . . .	33
Webhook . . . . .	34
<b>Index</b>	<b>35</b>

---

Announcements

*Announcement Functions*

---

## Description

Announcement Functions

## Usage

showAnnouncements(current = TRUE)

**Arguments**

current            show only non-expired announcements (default TRUE)

**Value**

invisibly returns the [ShopifyShop](#) object to allow for chaining

---

ApplicationCharge      *ApplicationCharge Functions*

---

**Description**

ApplicationCharge Functions

**Usage**

createApplicationCharge(charge, ...)  
getApplicationCharge(chargeId, ...)  
getApplicationCharges(...)  
activateApplicationCharge(charge, ...)

**Arguments**

chargeId            a ApplicationCharge id number  
charge              a list containing ApplicationCharge fields  
...                  additional request parameters

**Value**

a list containing a ApplicationCharge fields or a list of ApplicationCharges

**References**

Shopify API ApplicationCharge documentation: <http://docs.shopify.com/api/applicationcharge>

---

Article

*Article Functions*

---

## Description

Article Functions

## Usage

```
getArticles(blogId, ...)  
getArticlesCount(blogId, ...)  
getArticle(blogId, articleId, ...)  
createArticle(blogId, article, ...)  
modifyArticle(blogId, article, ...)  
getArticleAuthors(...)  
getArticleTags(...)  
deleteArticle(blogId, articleId, ...)
```

## Arguments

<code>blogId</code>	a Blog id number
<code>articleId</code>	an Article id number
<code>article</code>	a list containing Article fields
<code>...</code>	additional request parameters

## Value

a list containing an Article fields or a list of Articles

## References

Shopify API Article documentation: <http://docs.shopify.com/api/article>

---

Asset

*Asset Functions*

---

### **Description**

Asset Functions

### **Usage**

`getAssets(themeId, ...)`

`getAsset(themeId, assetKey, ...)`

`createAsset(themeId, asset, ...)`

`deleteAsset(themeId, assetKey, ...)`

### **Arguments**

`themeId` a Theme id number

`assetKey` an Asset key e.g. "templates/index.liquid"

`asset` a list containing Asset fields

`...` additional request parameters

### **Value**

a list containing an Asset fields or a list of Assets

### **References**

Shopify API Asset documentation: <http://docs.shopify.com/api/asset>

---

Blog

*Blog Functions*

---

### **Description**

Blog Functions

**Usage**

```
getBlogs(...)  
getBlogsCount(...)  
getBlog(blogId, ...)  
createBlog(blog, ...)  
modifyBlog(blog, ...)  
deleteBlog(blogId, ...)
```

**Arguments**

blogId	a Blog id number
blog	a list containing Blog fields
...	additional request parameters

**Value**

a list containing a Blog fields or a list of Blogs

**References**

Shopify API Blog documentation: <http://docs.shopify.com/api/blog>

---

CarrierService

*CarrierService Functions*

---

**Description**

CarrierService Functions

**Usage**

```
createCarrierService(service, ...)  
modifyCarrierService(service, ...)  
getCarrierServices(...)  
getCarrierService(serviceId, ...)  
deleteCarrierService(serviceId, ...)
```

**Arguments**

serviceId	a CarrierService id number
service	a list containing CarrierService fields
...	additional request parameters

**Value**

a list containing a CarrierService fields or a list of CarrierServices

**References**

Shopify API CarrierService documentation: <http://docs.shopify.com/api/carrierservice>

---

Checkout

*Checkout Functions*

---

**Description**

Checkout Functions

**Usage**

getCheckoutsCount(...)

getCheckouts(...)

**Arguments**

... additional request parameters

**Value**

a list of Checkouts

**References**

Shopify API Checkout documentation: <http://docs.shopify.com/api/checkout>

---

Collect

*Collect Functions*

---

### **Description**

Collect Functions

### **Usage**

`createCollect(collect, ...)`

`deleteCollect(collectId, ...)`

`getCollects(...)`

`getCollectsCount(...)`

`getCollect(collectId, ...)`

### **Arguments**

<code>collectId</code>	a Collect id number
<code>collect</code>	a list containing Collect fields
<code>...</code>	additional request parameters

### **Value**

a list containing a Collect fields or a list of Collects

### **References**

Shopify API Collect documentation: <http://docs.shopify.com/api/collect>

---

Comment

*Comment Functions*

---

### **Description**

Comment Functions



**Usage**

```
getComments(blogId, articleId, ...)
getCommentsCount(blogId, articleId, ...)
getComment(commentId, ...)
createComment(comment, ...)
modifyComment(comment, ...)
markCommentAsSpam(commentId, ...)
markCommentAsNotSpam(commentId, ...)
approveComment(commentId, ...)
removeComment(commentId, ...)
restoreComment(commentId, ...)
```

**Arguments**

blogId	a Blog id number (leave blank to fetch all comments for the shop)
articleId	an Article id number (leave blank to fetch all comments for this blog)
commentId	a Comment id number
comment	a list containing Comment fields
...	additional request parameters

**Value**

a list containing a Comment fields or a list of Comments

**References**

Shopify API Comment documentation: <http://docs.shopify.com/api/comment>

---

Country

*Country Functions*

---

**Description**

Country Functions

**Usage**

```
getCountries(...)  
  
getCountriesCount(...)  
  
getCountry(countryId, ...)  
  
createCountry(country, ...)  
  
modifyCountry(country, ...)  
  
deleteCountry(countryId, ...)
```

**Arguments**

countryId	a Country id number
country	a list containing Country fields
...	additional request parameters

**Value**

a list containing a Country fields or a list of Countrys

**References**

Shopify API Country documentation: <http://docs.shopify.com/api/country>

---

CustomCollection	<i>CustomCollection Functions</i>
------------------	-----------------------------------

---

**Description**

CustomCollection Functions

**Usage**

```
getCustomCollections(...)  
  
getCustomCollectionsCount(...)  
  
getCustomCollection(customCollectionId, ...)  
  
createCustomCollection(customCollection, ...)  
  
modifyCustomCollection(customCollection, ...)  
  
deleteCustomCollection(customCollectionId, ...)
```

**Arguments**

customCollectionId	a CustomCollection id number
customCollection	a list containing CustomCollection fields
...	additional request parameters

**Value**

a list containing a CustomCollection fields or a list of CustomCollections

**References**

Shopify API CustomCollection documentation: [http://docs.shopify.com/api/custom\\_collection](http://docs.shopify.com/api/custom_collection)

---

Customer

*Customer Functions*

---

**Description**

Customer Functions

**Usage**

```
getCustomers(...)
searchCustomers(query, ...)
getCustomer(customerId, ...)
createCustomer(customer, ...)
modifyCustomer(customer, ...)
deleteCustomer(customerId, ...)
getCustomersCount(...)
getCustomerOrders(customerId, ...)
```

**Arguments**

query	a query string to use when searching Customer records
customerId	a Customer id number
customer	a list containing Customer fields
...	additional request parameters

**Value**

a list containing a Customer fields or a list of Customers

**References**

Shopify API Customer documentation: <http://docs.shopify.com/api/customer>

---

CustomerGroup

*CustomerGroup Functions*

---

**Description**

CustomerGroup Functions

**Usage**

`getCustomerGroups(...)`

`getCustomerGroupsCount(...)`

`getCustomerGroup(customerGroupId, ...)`

`getCustomerGroupCustomers(customerGroupId, ...)`

`createCustomerGroup(customerGroup, ...)`

`modifyCustomerGroup(customerGroup, ...)`

`deleteCustomerGroup(customerGroupId, ...)`

**Arguments**

`customerGroupId`

a CustomerGroup id number

`customerGroup` a list containing CustomerGroup fields

`...` additional request parameters

**Value**

a list containing a CustomerGroup fields or a list of CustomerGroups

**References**

Shopify API CustomerGroup documentation: <http://docs.shopify.com/api/customergroup>

---

Event	<i>Event Functions</i>
-------	------------------------

---

**Description**

Event Functions

**Usage**

`getEvents(...)`

`getEvent(eventId, ...)`

`getEventsCount(...)`

**Arguments**

<code>eventId</code>	a Event id number
<code>...</code>	additional request parameters

**Value**

a list containing a Event fields or a list of Events

**References**

Shopify API Event documentation: <http://docs.shopify.com/api/event>

---

Fulfillment	<i>Fulfillment Functions</i>
-------------	------------------------------

---

**Description**

Fulfillment Functions

**Usage**

`getFulfillments(orderId, ...)`

`getFulfillmentsCount(orderId, ...)`

`getFulfillment(orderId, fulfillmentId, ...)`

`createFulfillment(orderId, fulfillment, ...)`

`modifyFulfillment(orderId, fulfillment, ...)`

```
completeFulfillment(orderId, fulfillmentId, ...)
```

```
cancelFulfillment(orderId, fulfillmentId, ...)
```

### Arguments

orderId	an Order id number
fulfillmentId	a Fulfillment id number
fulfillment	a list containing Fulfillment fields
...	additional request parameters

### Value

a list containing a Fulfillment fields or a list of Fulfillments

### References

Shopify API Fulfillment documentation: <http://docs.shopify.com/api/fulfillment>

---

FulfillmentService     *FulfillmentService Functions*

---

### Description

FulfillmentService Functions

### Usage

```
getFulfillmentServices(...)
```

```
createFulfillmentService(fulfillmentService, ...)
```

```
getFulfillmentService(fulfillmentServiceId, ...)
```

```
modifyFulfillmentService(fulfillmentService, ...)
```

```
deleteFulfillmentService(fulfillmentServiceId, ...)
```

### Arguments

fulfillmentServiceId	a FulfillmentService id number
fulfillmentService	a list containing FulfillmentService fields
...	additional request parameters

**Value**

a list containing a FulfillmentService fields or a list of FulfillmentServices

**References**

Shopify API FulfillmentService documentation: <http://docs.shopify.com/api/fulfillmentservice>

---

Location

*Location Functions*

---

**Description**

Location Functions

**Usage**

```
getLocations(...)
```

```
getLocation(locationId, ...)
```

**Arguments**

locationId	a Location id number
...	additional request parameters

**Value**

a list containing a Location fields or a list of Locations

**References**

Shopify API Location documentation: <http://docs.shopify.com/api/location>

---

Metafield

*Metafield Functions*

---

**Description**

Metafield Functions

**Usage**

```

getMetafields(resourceName, resourceId = NULL, ...)

getMetafieldsCount(resourceName, resourceId = NULL, ...)

getMetafield(metafieldId, ...)

createMetafield(resourceName, resourceId = NULL, metafield, ...)

modifyMetafield(metafield, ...)

deleteMetafield(metafieldId, ...)

```

**Arguments**

resourceName	the name of a resource e.g. "products", "smart_collections", "product_image"
resourceId	the id number of the resource, if applicable (for example Shop has no id)
metafieldId	a Metafield id number
metafield	a list containing Metafield fields
...	additional request parameters

**Value**

a list containing a Metafield fields or a list of Metafields

**References**

Shopify API Metafield documentation: <http://docs.shopify.com/api/metafield>

---

Order

*Order Functions*

---

**Description**

Order Functions

**Usage**

```

getOrders(...)

getOrder(orderId, ...)

getOrdersCount(...)

closeOrder(orderId, ...)

```



```

openOrder(orderId, ...)
cancelOrder(orderId, ...)
createOrder(order, ...)
modifyOrder(order, ...)
deleteOrder(orderId, ...)

```

**Arguments**

orderId	a Order id number
order	a list containing Order fields
...	additional request parameters

**Value**

a list containing a Order fields or a list of Orders

**References**

Shopify API Order documentation: <http://docs.shopify.com/api/order>

---

OrderRisks

*OrderRisks Functions*


---

**Description**

OrderRisks Functions

**Usage**

```

createOrderRisk(orderId, orderRisk, ...)
getOrderRisks(orderId, ...)
getOrderRisk(orderId, orderRiskId, ...)
modifyOrderRisk(orderId, orderRisk, ...)
deleteOrderRisk(orderId, orderRiskId, ...)

```

**Arguments**

orderId	an Order id number
orderRiskId	a OrderRisks id number
orderRisk	a list containing OrderRisks fields
...	additional request parameters

**Value**

a list containing a OrderRisks fields or a list of OrderRiskss

**References**

Shopify API OrderRisks documentation: [http://docs.shopify.com/api/order\\_risks](http://docs.shopify.com/api/order_risks)

---

Page

*Page Functions*

---

**Description**

Page Functions

**Usage**

getPages(...)

getPagesCount(...)

getPage(pageId, ...)

createPage(page, ...)

modifyPage(page, ...)

deletePage(pageId, ...)

**Arguments**

pageId	a Page id number
page	a list containing Page fields
...	additional request parameters

**Value**

a list containing a Page fields or a list of Pages

**References**

Shopify API Page documentation: <http://docs.shopify.com/api/page>

---

Product

*Product Functions*

---

### **Description**

Product Functions

### **Usage**

```
getProducts(...)  
getProductsCount(...)  
getProduct(productId, ...)  
createProduct(product, ...)  
modifyProduct(product, ...)  
deleteProduct(productId, ...)
```

### **Arguments**

productId	a Product id number
product	a list containing Product fields
...	additional request parameters

### **Value**

a list containing a Product fields or a list of Products

### **References**

Shopify API Product documentation: <http://docs.shopify.com/api/product>

---

ProductImage

*ProductImage Functions*

---

### **Description**

ProductImage Functions

**Usage**

```
getProductImages(productId, ...)  
  
getProductImagesCount(productId, ...)  
  
getProductImage(productId, imageId, ...)  
  
createProductImage(productId, image, ...)  
  
modifyProductImage(productId, image, ...)  
  
deleteProductImage(productId, imageId, ...)
```

**Arguments**

productId	a Product id number
imageId	a ProductImage id number
image	a list containing ProductImage fields
...	additional request parameters

**Value**

a list containing a ProductImage fields or a list of ProductImages

**References**

Shopify API ProductImage documentation: [http://docs.shopify.com/api/product\\_image](http://docs.shopify.com/api/product_image)

---

ProductVariant	<i>ProductVariant Functions</i>
----------------	---------------------------------

---

**Description**

ProductVariant Functions

**Usage**

```
getProductVariants(productId, ...)  
  
getProductVariantsCount(productId, ...)  
  
getProductVariant(variantId, ...)  
  
createProductVariant(productId, variant, ...)  
  
modifyProductVariant(productId, variant, ...)  
  
deleteProductVariant(productId, variantId, ...)
```

**Arguments**

productId	a Product id number
variantId	a ProductVariant id number
variant	a list containing ProductVariant fields
...	additional request parameters

**Value**

a list containing a ProductVariant fields or a list of ProductVariants

**References**

Shopify API ProductVariant documentation: [http://docs.shopify.com/api/product\\_variant](http://docs.shopify.com/api/product_variant)

---

 Province

*Province Functions*


---

**Description**

Province Functions

**Usage**

```
getProvinces(countryId, ...)
getProvincesCount(countryId, ...)
getProvince(countryId, provinceId, ...)
modifyProvince(countryId, province, ...)
```

**Arguments**

countryId	a Country id number
provinceId	a Province id number
province	a list containing Province fields
...	additional request parameters

**Value**

a list containing a Province fields or a list of Provinces

**References**

Shopify API Province documentation: <http://docs.shopify.com/api/province>

---

RecurringApplicationCharge

*RecurringApplicationCharge Functions*

---

### **Description**

RecurringApplicationCharge Functions

### **Usage**

```
createRecurringCharge(charge, ...)  
getRecurringCharge(chargeId, ...)  
getRecurringCharges(...)  
activateRecurringCharge(charge, ...)  
cancelRecurringCharge(chargeId, ...)
```

### **Arguments**

chargeId	a RecurringApplicationCharge id number
charge	a list containing RecurringApplicationCharge fields
...	additional request parameters

### **Value**

a list containing a RecurringApplicationCharge fields or a list of RecurringApplicationCharges

### **References**

Shopify API RecurringApplicationCharge documentation: <http://docs.shopify.com/api/recurringapplicationcharge>

---

Redirect

*Redirect Functions*

---

### **Description**

Redirect Functions

**Usage**

```
getRedirects(...)  
getRedirectsCount(...)  
getRedirect(redirectId, ...)  
createRedirect(redirect, ...)  
modifyRedirect(redirect, ...)  
deleteRedirect(redirectId, ...)
```

**Arguments**

redirectId	a Redirect id number
redirect	a list containing Redirect fields
...	additional request parameters

**Value**

a list containing a Redirect fields or a list of Redirects

**References**

Shopify API Redirect documentation: <http://docs.shopify.com/api/redirect>

---

Refund

*Refund Functions*

---

**Description**

Refund Functions

**Usage**

```
getRefund(orderId, refundId, ...)
```

**Arguments**

orderId	an Order id number
refundId	a Refund id number
...	additional request parameters

**Value**

a list corresponding to a Refund

**References**

Shopify API Refund documentation: <http://docs.shopify.com/api/refund>

---

ScriptTag

*ScriptTag Functions*

---

**Description**

ScriptTag Functions

**Usage**

`getScriptTags(...)`

`getScriptTagsCount(...)`

`getScriptTag(scriptTagId, ...)`

`createScriptTag(scriptTag, ...)`

`modifyScriptTag(scriptTag, ...)`

`deleteScriptTag(scriptTagId, ...)`

**Arguments**

<code>scriptTagId</code>	a ScriptTag id number
<code>scriptTag</code>	a list containing ScriptTag fields
<code>...</code>	additional request parameters

**Value**

a list containing a ScriptTag fields or a list of ScriptTags

**References**

Shopify API ScriptTag documentation: <http://docs.shopify.com/api/scripttag>



---

Shop

*Shop Functions*

---

### Description

Shop Functions

### Usage

```
getShop(...)
```

### Arguments

... additional request parameters

### Value

a list corresponding to a Shop

### References

Shopify API Shop documentation: <http://docs.shopify.com/api/shop>

---

shopifyr

*R Interface to the Shopify API*

---

### Description

This package aims to provide an easy-to-use R interface to the Shopify API. Before using this package, it would be wise to become familiar with the official Shopify API documentation. You can find it at <http://docs.shopify.com/api>.

### Details

The workhorse of the package is the [ShopifyShop](#) class.

### Author(s)

Charlie Friedemann

ShopifyShop

*ShopifyShop class***Description**

The ShopifyShop class fully encapsulates the Shopify API. It is an R6 class, and as such is initialized via the ‘new’ function (see the example section for details).

**Arguments**

shopURL	the URL of your shop, as in shopname.myshopify.com
password	a Shopify API private app password or permanent access token (see Details)
quiet	suppress output of API announcements

**Details**

In order to access the Shopify API, users will need a set of authorized API access credentials. These so-called ‘private app’ credentials can be created in the Shopify store admin section. More information about how to do this can be found [here](#). Once the credentials are created, they remain valid and can be used in subsequent R sessions.

At the moment, the ShopifyShop class does not support OAuth authentication. It is possible that this may be implemented in the future. Note that users who possess a valid ‘permanent access token’ from a previous OAuth Authentication (see [here](#)) may use it as the password field of the ShopifyShop class as the private app password is essentially analagous to the permanent token granted through successful OAuth authentication.

**ShopifyShop Class Generator Usage**

ShopifyShop\$new(shopURL, password, quiet = FALSE) if successful, will return a new ShopifyShop object.

**Public Fields**

shopInfo information about the shop as returned by [getShop](#)

**Public Functions**

**ApplicationCharge functions** • [createApplicationCharge](#)

- [getApplicationCharge](#)
- [getApplicationCharges](#)
- [activateApplicationCharge](#)

**Article functions** • [getArticles](#)

- [getArticlesCount](#)
- [getArticle](#)
- [createArticle](#)

- `modifyArticle`
- `getArticleAuthors`
- `getArticleTags`
- `deleteArticle`

**Asset functions** • `getAssets`

- `getAsset`
- `createAsset`
- `modifyAsset`
- `deleteAsset`

**Blog functions** • `getBlogs`

- `getBlogsCount`
- `getBlog`
- `createBlog`
- `modifyBlog`
- `deleteBlog`

**CarrierService functions** • `createCarrierService`

- `modifyCarrierService`
- `getCarrierServices`
- `getCarrierService`
- `deleteCarrierService`

**Checkout functions** • `getCheckoutsCount`

- `getCheckouts`

**Collect functions** • `createCollect`

- `deleteCollect`
- `getCollects`
- `getCollectsCount`
- `getCollect`

**Comment functions** • `getComments`

- `getCommentsCount`
- `getComment`
- `createComment`
- `modifyComment`
- `markCommentAsSpam`
- `markCommentAsNotSpam`
- `approveComment`
- `removeComment`
- `restoreComment`

**Country functions** • `getCountries`

- `getCountriesCount`
- `getCountry`
- `createCountry`

- [modifyCountry](#)
- [deleteCountry](#)

**CustomCollection functions** • [getCustomCollections](#)

- [getCustomCollectionsCount](#)
- [getCustomCollection](#)
- [createCustomCollection](#)
- [modifyCustomCollection](#)
- [deleteCustomCollection](#)

**Customer functions** • [getCustomers](#)

- [searchCustomers](#)
- [getCustomer](#)
- [createCustomer](#)
- [modifyCustomer](#)
- [deleteCustomer](#)
- [getCustomersCount](#)
- [getCustomerOrders](#)

**CustomerGroup & CustomerSavedSearch functions** • [getCustomerGroups](#)

- [getCustomerGroupsCount](#)
- [getCustomerGroup](#)
- [getCustomerGroupCustomers](#)
- [createCustomerGroup](#)
- [modifyCustomerGroup](#)
- [deleteCustomerGroup](#)

**Event functions** • [getEvents](#)

- [getEvent](#)
- [getEventsCount](#)

**Fulfillment functions** • [getFulfillments](#)

- [getFulfillmentsCount](#)
- [getFulfillment](#)
- [createFulfillment](#)
- [modifyFulfillment](#)
- [completeFulfillment](#)
- [cancelFulfillment](#)

**FulfillmentService functions** • [getFulfillmentServices](#)

- [createFulfillmentService](#)
- [getFulfillmentService](#)
- [modifyFulfillmentService](#)
- [deleteFulfillmentService](#)

**Location functions** • [getLocations](#)

- [getLocation](#)

**Metafield functions** • [getMetafields](#)

- [getMetafieldsCount](#)
- [getMetafield](#)
- [createMetafield](#)
- [modifyMetafield](#)
- [deleteMetafield](#)

**Order functions** • [getOrders](#)

- [getOrder](#)
- [getOrdersCount](#)
- [closeOrder](#)
- [openOrder](#)
- [cancelOrder](#)
- [createOrder](#)
- [modifyOrder](#)
- [deleteOrder](#)

**Order Risks functions** • [createOrderRisk](#)

- [getOrderRisks](#)
- [getOrderRisk](#)
- [modifyOrderRisk](#)
- [deleteOrderRisk](#)

**Page functions** • [getPages](#)

- [getPagesCount](#)
- [getPage](#)
- [createPage](#)
- [modifyPage](#)
- [deletePage](#)

**Product functions** • [getProducts](#)

- [getProductsCount](#)
- [getProduct](#)
- [createProduct](#)
- [modifyProduct](#)
- [deleteProduct](#)

**Product Image functions** • [getProductImages](#)

- [getProductImagesCount](#)
- [getProductImage](#)
- [createProductImage](#)
- [modifyProductImage](#)
- [deleteProductImage](#)

**Product Variant functions** • [getProductVariants](#)

- [getProductVariantsCount](#)
- [getProductVariant](#)
- [createProductVariant](#)

- `modifyProductVariant`
- `deleteProductVariant`

**Province functions** • `getProvinces`

- `getProvincesCount`
- `getProvince`
- `modifyProvince`

**RecurringApplicationCharge functions** • `createRecurringCharge`

- `getRecurringCharge`
- `getRecurringCharges`
- `activateRecurringCharge`
- `cancelRecurringCharge`

**Redirect functions** • `getRedirects`

- `getRedirectsCount`
- `getRedirect`
- `createRedirect`
- `modifyRedirect`
- `deleteRedirect`

**Refund functions** • `getRefund`**ScriptTag functions** • `getScriptTags`

- `getScriptTagsCount`
- `getScriptTag`
- `createScriptTag`
- `modifyScriptTag`
- `deleteScriptTag`

**Shop functions** • `getShop`**SmartCollection functions** • `getSmartCollections`

- `getSmartCollectionsCount`
- `getSmartCollection`
- `createSmartCollection`
- `modifySmartCollection`
- `orderSmartCollection`
- `deleteSmartCollection`

**Theme functions** • `getThemes`

- `getTheme`
- `createTheme`
- `modifyTheme`
- `deleteTheme`

**Transaction functions** • `getTransactions`

- `getTransactionsCount`
- `getTransaction`
- `createTransaction`

**Webhook functions** • [getWebhooks](#)

- [getWebhooksCount](#)
- [getWebhook](#)
- [createWebhook](#)
- [modifyWebhook](#)
- [deleteWebhook](#)

**Examples**

```
## Not run:
# Before you can access the API, you must create a ShopifyShop object using your credentials
shop <- ShopifyShop$new("yourstore.myshopify.com", "private_app_password")

# Get all smart collections
collections <- shop$getSmartCollections()

# Search for customers named Bob from the United States
bobs <- shop$searchCustomers("Bob country:United States")

# Create a new product
product <- list(title="The R Inferno",
               body="<b>The R Inferno</b><i>by Patrick Burns</i>",
               vendor="Burns Statistics",
               product_type="Paperback",
               images=list(list(src="http://www.burns-stat.com/wp-content/uploads/2012/12/R_inferno_cover.jpg")))
newProduct <- shop$createProduct(product)

## End(Not run)
```

---

SmartCollection

*SmartCollection Functions*

---

**Description**

SmartCollection Functions

**Usage**

```
getSmartCollections(...)
getSmartCollectionsCount(...)
getSmartCollection(smartCollectionId, ...)
createSmartCollection(smartCollection, ...)
modifySmartCollection(smartCollection, ...)
```

```
orderSmartCollection(smartCollectionId, productIds, ...)
```

```
deleteSmartCollection(smartCollectionId, ...)
```

### Arguments

```
productIds      a vector of Product ids in the desired sort order
smartCollectionId
                 a SmartCollection id number
smartCollection  a list containing SmartCollection fields
...             additional request parameters
```

### Value

a list containing a SmartCollection fields or a list of SmartCollections

### References

Shopify API SmartCollection documentation: <http://docs.shopify.com/api/smartcollection>

---

Theme

*Theme Functions*

---

### Description

Theme Functions

### Usage

```
getThemes(...)
```

```
getTheme(themeId, ...)
```

```
createTheme(theme, ...)
```

```
modifyTheme(theme, ...)
```

```
deleteTheme(themeId, ...)
```

### Arguments

```
themeId        a Theme id number
theme          a list containing Theme fields
...           additional request parameters
```



**Value**

a list containing a Theme fields or a list of Themes

**References**

Shopify API Theme documentation: <http://docs.shopify.com/api/theme>

---

 Transaction

*Transaction Functions*


---

**Description**

Transaction Functions

**Usage**

`getTransactions(orderId, ...)`

`getTransactionsCount(orderId, ...)`

`getTransaction(orderId, transactionId, ...)`

`createTransaction(orderId, transaction, ...)`

**Arguments**

<code>orderId</code>	an Order id number
<code>transactionId</code>	a Transaction id number
<code>transaction</code>	a list containing Transaction fields
<code>...</code>	additional request parameters

**Value**

a list containing a Transaction fields or a list of Transactions

**References**

Shopify API Transaction documentation: <http://docs.shopify.com/api/transaction>

---

Webhook

*Webhook Functions*

---

### **Description**

Webhook Functions

### **Usage**

`getWebhooks(...)`

`getWebhooksCount(...)`

`getWebhook(webhookId, ...)`

`createWebhook(webhook, ...)`

`modifyWebhook(webhook, ...)`

`deleteWebhook(webhookId, ...)`

### **Arguments**

<code>webhookId</code>	a Webhook id number
<code>webhook</code>	a list containing Webhook fields
<code>...</code>	additional request parameters

### **Value**

a list containing a Webhook fields or a list of Webhooks

### **References**

Shopify API Webhook documentation: <http://docs.shopify.com/api/webhook>

# Index

## \*Topic **datasets**

- ShopifyShop, 26
- activateApplicationCharge, 26
- activateApplicationCharge (ApplicationCharge), 3
- activateRecurringCharge, 30
- activateRecurringCharge (RecurringApplicationCharge), 22
- Announcements, 2
- ApplicationCharge, 3
- approveComment, 27
- approveComment (Comment), 8
- Article, 4
- Asset, 5
- Blog, 5
- cancelFulfillment, 28
- cancelFulfillment (Fulfillment), 13
- cancelOrder, 29
- cancelOrder (Order), 16
- cancelRecurringCharge, 30
- cancelRecurringCharge (RecurringApplicationCharge), 22
- CarrierService, 6
- Checkout, 7
- closeOrder, 29
- closeOrder (Order), 16
- Collect, 8
- Comment, 8
- completeFulfillment, 28
- completeFulfillment (Fulfillment), 13
- Country, 9
- createApplicationCharge, 26
- createApplicationCharge (ApplicationCharge), 3
- createArticle, 26
- createArticle (Article), 4
- createAsset, 27
- createAsset (Asset), 5
- createBlog, 27
- createBlog (Blog), 5
- createCarrierService, 27
- createCarrierService (CarrierService), 6
- createCollect, 27
- createCollect (Collect), 8
- createComment, 27
- createComment (Comment), 8
- createCountry, 27
- createCountry (Country), 9
- createCustomCollection, 28
- createCustomCollection (CustomCollection), 10
- createCustomer, 28
- createCustomer (Customer), 11
- createCustomerGroup, 28
- createCustomerGroup (CustomerGroup), 12
- createFulfillment, 28
- createFulfillment (Fulfillment), 13
- createFulfillmentService, 28
- createFulfillmentService (FulfillmentService), 14
- createMetafield, 29
- createMetafield (Metafield), 15
- createOrder, 29
- createOrder (Order), 16
- createOrderRisk, 29
- createOrderRisk (OrderRisks), 17
- createPage, 29
- createPage (Page), 18
- createProduct, 29
- createProduct (Product), 19
- createProductImage, 29
- createProductImage (ProductImage), 19
- createProductVariant, 29
- createProductVariant (ProductVariant),

- 20
- createRecurringCharge, 30
- createRecurringCharge (RecurringApplicationCharge), 22
- createRedirect, 30
- createRedirect (Redirect), 22
- createScriptTag, 30
- createScriptTag (ScriptTag), 24
- createSmartCollection, 30
- createSmartCollection (SmartCollection), 31
- createTheme, 30
- createTheme (Theme), 32
- createTransaction, 30
- createTransaction (Transaction), 33
- createWebhook, 31
- createWebhook (Webhook), 34
- CustomCollection, 10
- Customer, 11
- CustomerGroup, 12
- CustomerSavedSearch (CustomerGroup), 12
- deleteArticle, 27
- deleteArticle (Article), 4
- deleteAsset, 27
- deleteAsset (Asset), 5
- deleteBlog, 27
- deleteBlog (Blog), 5
- deleteCarrierService, 27
- deleteCarrierService (CarrierService), 6
- deleteCollect, 27
- deleteCollect (Collect), 8
- deleteCountry, 28
- deleteCountry (Country), 9
- deleteCustomCollection, 28
- deleteCustomCollection (CustomCollection), 10
- deleteCustomer, 28
- deleteCustomer (Customer), 11
- deleteCustomerGroup, 28
- deleteCustomerGroup (CustomerGroup), 12
- deleteFulfillmentService, 28
- deleteFulfillmentService (FulfillmentService), 14
- deleteMetafield, 29
- deleteMetafield (Metafield), 15
- deleteOrder, 29
- deleteOrder (Order), 16
- deleteOrderRisk, 29
- deleteOrderRisk (OrderRisks), 17
- deletePage, 29
- deletePage (Page), 18
- deleteProduct, 29
- deleteProduct (Product), 19
- deleteProductImage, 29
- deleteProductImage (ProductImage), 19
- deleteProductVariant, 30
- deleteProductVariant (ProductVariant), 20
- deleteRedirect, 30
- deleteRedirect (Redirect), 22
- deleteScriptTag, 30
- deleteScriptTag (ScriptTag), 24
- deleteSmartCollection, 30
- deleteSmartCollection (SmartCollection), 31
- deleteTheme, 30
- deleteTheme (Theme), 32
- deleteWebhook, 31
- deleteWebhook (Webhook), 34
- Event, 13
- Fulfillment, 13
- FulfillmentService, 14
- getApplicationCharge, 26
- getApplicationCharge (ApplicationCharge), 3
- getApplicationCharges, 26
- getApplicationCharges (ApplicationCharge), 3
- getArticle, 26
- getArticle (Article), 4
- getArticleAuthors, 27
- getArticleAuthors (Article), 4
- getArticles, 26
- getArticles (Article), 4
- getArticlesCount, 26
- getArticlesCount (Article), 4
- getArticleTags, 27
- getArticleTags (Article), 4
- getAsset, 27
- getAsset (Asset), 5
- getAssets, 27
- getAssets (Asset), 5
- getBlog, 27

- getBlog (Blog), 5
- getBlogs, 27
- getBlogs (Blog), 5
- getBlogsCount, 27
- getBlogsCount (Blog), 5
- getCarrierService, 27
- getCarrierService (CarrierService), 6
- getCarrierServices, 27
- getCarrierServices (CarrierService), 6
- getCheckouts, 27
- getCheckouts (Checkout), 7
- getCheckoutsCount, 27
- getCheckoutsCount (Checkout), 7
- getCollect, 27
- getCollect (Collect), 8
- getCollects, 27
- getCollects (Collect), 8
- getCollectsCount, 27
- getCollectsCount (Collect), 8
- getComment, 27
- getComment (Comment), 8
- getComments, 27
- getComments (Comment), 8
- getCommentsCount, 27
- getCommentsCount (Comment), 8
- getCountries, 27
- getCountries (Country), 9
- getCountriesCount, 27
- getCountriesCount (Country), 9
- getCountry, 27
- getCountry (Country), 9
- getCustomCollection, 28
- getCustomCollection (CustomCollection), 10
- getCustomCollections, 28
- getCustomCollections (CustomCollection), 10
- getCustomCollectionsCount, 28
- getCustomCollectionsCount (CustomCollection), 10
- getCustomer, 28
- getCustomer (Customer), 11
- getCustomerGroup, 28
- getCustomerGroup (CustomerGroup), 12
- getCustomerGroupCustomers, 28
- getCustomerGroupCustomers (CustomerGroup), 12
- getCustomerGroups, 28
- getCustomerGroups (CustomerGroup), 12
- getCustomerGroupsCount, 28
- getCustomerGroupsCount (CustomerGroup), 12
- getCustomerOrders, 28
- getCustomerOrders (Customer), 11
- getCustomers, 28
- getCustomers (Customer), 11
- getCustomersCount, 28
- getCustomersCount (Customer), 11
- getEvent, 28
- getEvent (Event), 13
- getEvents, 28
- getEvents (Event), 13
- getEventsCount, 28
- getEventsCount (Event), 13
- getFulfillment, 28
- getFulfillment (Fulfillment), 13
- getFulfillments, 28
- getFulfillments (Fulfillment), 13
- getFulfillmentsCount, 28
- getFulfillmentsCount (Fulfillment), 13
- getFulfillmentService, 28
- getFulfillmentService (FulfillmentService), 14
- getFulfillmentServices, 28
- getFulfillmentServices (FulfillmentService), 14
- getLocation, 28
- getLocation (Location), 15
- getLocations, 28
- getLocations (Location), 15
- getMetafield, 29
- getMetafield (Metafield), 15
- getMetafields, 28
- getMetafields (Metafield), 15
- getMetafieldsCount, 29
- getMetafieldsCount (Metafield), 15
- getOrder, 29
- getOrder (Order), 16
- getOrderRisk, 29
- getOrderRisk (OrderRisks), 17
- getOrderRisks, 29
- getOrderRisks (OrderRisks), 17
- getOrders, 29
- getOrders (Order), 16
- getOrdersCount, 29
- getOrdersCount (Order), 16

- getPage, [29](#)
- getPage (Page), [18](#)
- getPages, [29](#)
- getPages (Page), [18](#)
- getPagesCount, [29](#)
- getPagesCount (Page), [18](#)
- getProduct, [29](#)
- getProduct (Product), [19](#)
- getProductImage, [29](#)
- getProductImage (ProductImage), [19](#)
- getProductImages, [29](#)
- getProductImages (ProductImage), [19](#)
- getProductImagesCount, [29](#)
- getProductImagesCount (ProductImage), [19](#)
- getProducts, [29](#)
- getProducts (Product), [19](#)
- getProductsCount, [29](#)
- getProductsCount (Product), [19](#)
- getProductVariant, [29](#)
- getProductVariant (ProductVariant), [20](#)
- getProductVariants, [29](#)
- getProductVariants (ProductVariant), [20](#)
- getProductVariantsCount, [29](#)
- getProductVariantsCount (ProductVariant), [20](#)
- getProvince, [30](#)
- getProvince (Province), [21](#)
- getProvinces, [30](#)
- getProvinces (Province), [21](#)
- getProvincesCount, [30](#)
- getProvincesCount (Province), [21](#)
- getRecurringCharge, [30](#)
- getRecurringCharge (RecurringApplicationCharge), [22](#)
- getRecurringCharges, [30](#)
- getRecurringCharges (RecurringApplicationCharge), [22](#)
- getRedirect, [30](#)
- getRedirect (Redirect), [22](#)
- getRedirects, [30](#)
- getRedirects (Redirect), [22](#)
- getRedirectsCount, [30](#)
- getRedirectsCount (Redirect), [22](#)
- getRefund, [30](#)
- getRefund (Refund), [23](#)
- getScriptTag, [30](#)
- getScriptTag (ScriptTag), [24](#)
- getScriptTags, [30](#)
- getScriptTags (ScriptTag), [24](#)
- getScriptTagsCount, [30](#)
- getScriptTagsCount (ScriptTag), [24](#)
- getShop, [26](#), [30](#)
- getShop (Shop), [25](#)
- getSmartCollection, [30](#)
- getSmartCollection (SmartCollection), [31](#)
- getSmartCollections, [30](#)
- getSmartCollections (SmartCollection), [31](#)
- getSmartCollectionsCount, [30](#)
- getSmartCollectionsCount (SmartCollection), [31](#)
- getTheme, [30](#)
- getTheme (Theme), [32](#)
- getThemes, [30](#)
- getThemes (Theme), [32](#)
- getTransaction, [30](#)
- getTransaction (Transaction), [33](#)
- getTransactions, [30](#)
- getTransactions (Transaction), [33](#)
- getTransactionsCount, [30](#)
- getTransactionsCount (Transaction), [33](#)
- getWebhook, [31](#)
- getWebhook (Webhook), [34](#)
- getWebhooks, [31](#)
- getWebhooks (Webhook), [34](#)
- getWebhooksCount, [31](#)
- getWebhooksCount (Webhook), [34](#)
- Location, [15](#)
- markCommentAsNotSpam, [27](#)
- markCommentAsNotSpam (Comment), [8](#)
- markCommentAsSpam, [27](#)
- markCommentAsSpam (Comment), [8](#)
- Metafield, [15](#)
- modifyArticle, [27](#)
- modifyArticle (Article), [4](#)
- modifyAsset, [27](#)
- modifyAsset (Asset), [5](#)
- modifyBlog, [27](#)
- modifyBlog (Blog), [5](#)
- modifyCarrierService, [27](#)
- modifyCarrierService (CarrierService), [6](#)
- modifyComment, [27](#)
- modifyComment (Comment), [8](#)

- modifyCountry, [28](#)
- modifyCountry (Country), [9](#)
- modifyCustomCollection, [28](#)
- modifyCustomCollection (CustomCollection), [10](#)
- modifyCustomer, [28](#)
- modifyCustomer (Customer), [11](#)
- modifyCustomerGroup, [28](#)
- modifyCustomerGroup (CustomerGroup), [12](#)
- modifyFulfillment, [28](#)
- modifyFulfillment (Fulfillment), [13](#)
- modifyFulfillmentService, [28](#)
- modifyFulfillmentService (FulfillmentService), [14](#)
- modifyMetafield, [29](#)
- modifyMetafield (Metafield), [15](#)
- modifyOrder, [29](#)
- modifyOrder (Order), [16](#)
- modifyOrderRisk, [29](#)
- modifyOrderRisk (OrderRisks), [17](#)
- modifyPage, [29](#)
- modifyPage (Page), [18](#)
- modifyProduct, [29](#)
- modifyProduct (Product), [19](#)
- modifyProductImage, [29](#)
- modifyProductImage (ProductImage), [19](#)
- modifyProductVariant, [30](#)
- modifyProductVariant (ProductVariant), [20](#)
- modifyProvince, [30](#)
- modifyProvince (Province), [21](#)
- modifyRedirect, [30](#)
- modifyRedirect (Redirect), [22](#)
- modifyScriptTag, [30](#)
- modifyScriptTag (ScriptTag), [24](#)
- modifySmartCollection, [30](#)
- modifySmartCollection (SmartCollection), [31](#)
- modifyTheme, [30](#)
- modifyTheme (Theme), [32](#)
- modifyWebhook, [31](#)
- modifyWebhook (Webhook), [34](#)
  
- openOrder, [29](#)
- openOrder (Order), [16](#)
- Order, [16](#)
- OrderRisks, [17](#)
- orderSmartCollection, [30](#)
  
- orderSmartCollection (SmartCollection), [31](#)
  
- Page, [18](#)
- Product, [19](#)
- ProductImage, [19](#)
- ProductVariant, [20](#)
- Province, [21](#)
  
- R6, [26](#)
- RecurringApplicationCharge, [22](#)
- Redirect, [22](#)
- Refund, [23](#)
- removeComment, [27](#)
- removeComment (Comment), [8](#)
- restoreComment, [27](#)
- restoreComment (Comment), [8](#)
  
- ScriptTag, [24](#)
- searchCustomers, [28](#)
- searchCustomers (Customer), [11](#)
- Shop, [25](#)
- shopifyr, [25](#)
- shopifyr-package (shopifyr), [25](#)
- ShopifyShop, [3](#), [25](#), [26](#)
- showAnnouncements (Announcements), [2](#)
- SmartCollection, [31](#)
  
- Theme, [32](#)
- Transaction, [33](#)
  
- Webhook, [34](#)