

# Package: shopifyr (via r-universe)

September 7, 2024

**Type** Package

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

**Version** 1.0.0

**Date** 2019-07-21

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**Description** An interface to the Admin API of the E-commerce service Shopify, (<<https://help.shopify.com/en/api/reference>>).

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

**License** GPL-3

**Encoding** UTF-8

**Depends** R (>= 3.0)

**Imports** R6 (>= 2.0), curl, jsonlite

**RoxygenNote** 6.1.1

**Collate** 'AbandonedCheckout.R' 'AccessScope.R' 'Announcement.R'  
'ApplicationCharge.R' 'ApplicationCredit.R' 'Article.R'  
'Asset.R' 'Blog.R' 'CarrierService.R' 'Checkout.R' 'Collect.R'  
'CollectionListing.R' 'Comment.R' 'Country.R'  
'CustomCollection.R' 'Customer.R' 'CustomerAddress.R'  
'CustomerSavedSearch.R' 'DiscountCode.R' 'DraftOrder.R'  
'Event.R' 'Fulfillment.R' 'FulfillmentEvent.R'  
'FulfillmentService.R' 'GiftCard.R' 'GraphQL.R'  
'InventoryItem.R' 'InventoryLevel.R' 'Location.R'  
'MarketingEvent.R' 'MetaField.R' 'Order.R' 'OrderRisks.R'  
'Page.R' 'Policy.R' 'PriceRule.R' 'Product.R' 'ProductImage.R'  
'ProductListing.R' 'ProductVariant.R' 'Province.R'  
'RecurringApplicationCharge.R' 'Redirect.R' 'Refund.R'  
'Report.R' 'ResourceFeedback.R' 'ScriptTag.R' 'ShippingZone.R'  
'Shop.R' 'Webhook.R' 'User.R' 'UsageCharge.R' 'Transaction.R'  
'Theme.R' 'SmartCollection.R' 'private.R' 'ShopifyShop.R'  
'shopifyr-package.R'

**Repository** <https://charliebone.r-universe.dev>

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

**RemoteRef** HEAD

**RemoteSha** 1c106dc29d34536e32ca3ba03466459c56a9d74e

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AbandonedCheckout	<i>AbandonedCheckout Functions</i>
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## Description

AbandonedCheckout Functions

## Usage

`getAbandonedCheckouts(...)`

`getAbandonedCheckoutsCount(...)`

## Arguments

... additional request parameters

## Value

a list containing a AbandonedCheckout fields or a list of AbandonedCheckouts

## References

Shopify API AbandonedCheckout documentation: [https://help.shopify.com/api/reference/orders/abandoned\\_checkouts](https://help.shopify.com/api/reference/orders/abandoned_checkouts)

AccessScope

*AccessScope Functions*

---

**Description**

AccessScope Functions

**Usage**`getAccessScopes(...)`**Arguments**`...` additional request parameters**Value**

a list containing an AccessScope fields or a list of AccessScopes

**References**Shopify API AccessScope documentation: <https://help.shopify.com/api/reference/access/accessscope>

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Announcements*Announcement Functions*

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**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

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ApplicationCharge      *ApplicationCharge Functions*

---

**Description**

ApplicationCharge Functions

**Usage**

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

**Arguments**

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

**Value**

a list containing an ApplicationCharge fields or a list of ApplicationCharges

**References**

Shopify API ApplicationCharge documentation: <https://help.shopify.com/api/reference/billing/applicationcharge>

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ApplicationCredit      *ApplicationCredit Functions*

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**Description**

ApplicationCredit Functions

**Usage**

```
createApplicationCredit(credit, ...)  
getApplicationCredit(creditId, ...)  
getApplicationCredits(...)
```

**Arguments**

credit	a list containing ApplicationCredit fields
...	additional request parameters
creditId	an ApplicationCredit id number

**Value**

a list containing an ApplicationCredit fields or a list of ApplicationCredits

**References**

Shopify API ApplicationCredit documentation: <https://help.shopify.com/api/reference/billing/applicationcredit>

---

Article

*Article Functions*

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**Description**

Article Functions

**Usage**

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

**Arguments**

blogId	a <a href="#">Blog</a> id number
...	additional request parameters
articleId	an Article id number
article	a list containing Article fields

**Value**

a list containing an Article fields or a list of Articles

**References**

Shopify API Article documentation: [https://help.shopify.com/api/reference/online\\_store/blog\\_article](https://help.shopify.com/api/reference/online_store/blog_article)

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Asset

*Asset Functions*

---

**Description**

Asset Functions

**Usage**

```
getAssets(themeId, ...)
```

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

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

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

**Arguments**

themeId	a <a href="#">Theme</a> id number
...	additional request parameters
assetKey	an Asset key e.g. "templates/index.liquid"
asset	a list containing Asset fields

**Value**

a list containing an Asset fields or a list of Assets

**References**

Shopify API Asset documentation: [https://help.shopify.com/api/reference/online\\_store/asset](https://help.shopify.com/api/reference/online_store/asset)

---

Blog

*Blog Functions*

---

### Description

Blog Functions

### Usage

```
getBlogs(...)
```

```
getBlogsCount(...)
```

```
getBlog(blogId, ...)
```

```
createBlog(blog, ...)
```

```
modifyBlog(blog, ...)
```

```
deleteBlog(blogId, ...)
```

### Arguments

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

### Value

a list containing a Blog fields or a list of Blogs

### References

Shopify API Blog documentation: [https://help.shopify.com/api/reference/online\\_store/blog](https://help.shopify.com/api/reference/online_store/blog)

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CarrierService

*CarrierService Functions*

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### Description

CarrierService Functions



**Usage**

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

**Arguments**

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

**Value**

a list containing a CarrierService fields or a list of CarrierServices

**References**

Shopify API CarrierService documentation: [https://help.shopify.com/api/reference/shipping\\_and\\_fulfillment/carrierservice](https://help.shopify.com/api/reference/shipping_and_fulfillment/carrierservice)

---

Checkout

*Checkout Functions*

---

**Description**

Checkout Functions

**Usage**

```
getCheckoutsCount(...)  
getCheckouts(...)
```

**Arguments**

...	additional request parameters
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**Value**

a list of Checkouts

## References

Shopify API Checkout documentation: [https://help.shopify.com/api/reference/sales\\_channels/checkout](https://help.shopify.com/api/reference/sales_channels/checkout)

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Collect

*Collect Functions*

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## Description

Collect Functions

## Usage

```
createCollect(collect, ...)
```

```
deleteCollect(collectId, ...)
```

```
getCollects(...)
```

```
getCollectsCount(...)
```

```
getCollect(collectId, ...)
```

## Arguments

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

## Value

a list containing a Collect fields or a list of Collects

## References

Shopify API Collect documentation: <https://help.shopify.com/api/reference/products/collect>

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CollectionListing	<i>CollectionListing Functions</i>
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**Description**

CollectionListing Functions

**Usage**

```
createCollectionListing(collectionId, ...)  
deleteCollectionListing(collectionListingId, ...)  
getCollectionListings(...)  
getCollectionListingCount(...)  
getCollectionListingProductIds(collectionListingId, ...)
```

**Arguments**

collectionId	a Collection id
...	additional request parameters
collectionListingId	a CollectionListing id

**Value**

a list of Checkouts  
a list containing a CollectionListing fields or a list of CollectionListings

**References**

Shopify API CollectionListing documentation: <https://help.shopify.com/api/reference/sales-channels/collectionlisting>

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Comment	<i>Comment Functions</i>
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**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 <a href="#">Blog</a> id (leave blank to fetch all comments for the shop)
articleId	an Article id (leave blank to fetch all comments for this blog)
...	additional request parameters
commentId	a Comment id number
comment	a list containing Comment fields

**Value**

a list containing a Comment fields or a list of Comments

**References**

Shopify API Comment documentation: [https://help.shopify.com/api/reference/online\\_store/comment](https://help.shopify.com/api/reference/online_store/comment)

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Country

*Country Functions*

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**Description**

Country Functions

**Usage**

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

**Arguments**

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

**Value**

a list containing a Country fields or a list of Countrys

**References**

Shopify API Country documentation: [https://help.shopify.com/api/reference/store\\_properties/country](https://help.shopify.com/api/reference/store_properties/country)

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CustomCollection	<i>CustomCollection Functions</i>
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**Description**

CustomCollection Functions

**Usage**

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

**Arguments**

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

**Value**

a list containing a CustomCollection fields or a list of CustomCollections

**References**

Shopify API CustomCollection documentation: <https://help.shopify.com/api/reference/products/customcollection>

---

 Customer

*Customer Functions*


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**Description**

Customer Functions

**Usage**

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

**Arguments**

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

**Value**

a list containing a Customer fields or a list of Customers

**References**

Shopify API Customer documentation: <https://help.shopify.com/api/reference/customers/customer>

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CustomerAddress	<i>CustomerAddress Functions</i>
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**Description**

CustomerAddress Functions

**Usage**

```
getCustomerAddresses(customerId, ...)  
getCustomerAddress(customerId, customerAddressId, ...)  
createCustomerAddress(customerAddress, customerId, ...)  
modifyCustomerAddress(customerAddress, customerId, ...)  
deleteCustomerAddress(customerId, customerAddressId, ...)  
setCustomerDefaultAddress(customerId, customerAddressId, ...)
```

**Arguments**

customerId	a <a href="#">Customer</a> id
...	additional request parameters
customerAddressId	a CustomerAddress id number
customerAddress	a list containing CustomerAddress fields

**Value**

a list containing a CustomerAddress fields or a list of CustomerAddress

**References**

Shopify API CustomerAddress documentation: [https://help.shopify.com/api/reference/customers/customer\\_address](https://help.shopify.com/api/reference/customers/customer_address)

---

CustomerSavedSearch    *CustomerSavedSearch Functions*

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**Description**

CustomerSavedSearch Functions

**Usage**

```
getCustomerSavedSearches(...)  
getCustomerSavedSearchesCount(...)  
getCustomerSavedSearch(customerSavedSearchId, ...)  
getCustomerSavedSearchResults(customerSavedSearchId, ...)  
createCustomerSavedSearch(customerSavedSearch, ...)  
modifyCustomerSavedSearch(customerSavedSearch, ...)  
deleteCustomerSavedSearch(customerSavedSearchId, ...)
```

**Arguments**

...                    additional request parameters  
customerSavedSearchId  
                      a CustomerSavedSearch id number  
customerSavedSearch  
                      a list containing CustomerSavedSearch fields

**Value**

a list containing a CustomerSavedSearch fields or a list of CustomerSavedSearchs

**References**

Shopify API CustomerSavedSearch documentation: [https://help.shopify.com/api/reference/customers/customer\\_saved\\_search](https://help.shopify.com/api/reference/customers/customer_saved_search)



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DiscountCode	<i>DiscountCode Functions</i>
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**Description**

DiscountCode Functions

**Usage**

```
createDiscountCode(priceRuleId, code, ...)  
modifyDiscountCode(priceRuleId, discountCode, ...)  
getDiscountCodes(priceRuleId, ...)  
getDiscountCode(priceRuleId, discountCodeId, ...)  
getDiscountCodeLocation(code, ...)  
deleteDiscountCode(priceRuleId, discountCodeId, ...)  
createDiscountCodesCreationJob(priceRuleId, codes, ...)  
getDiscountCodesCreationJob(priceRuleId, batchId, ...)  
getDiscountCodesFromCreationJob(priceRuleId, batchId, ...)
```

**Arguments**

priceRuleId	a <a href="#">PriceRule</a> id
code	one discount code string
...	additional request parameters
discountCode	a list containing DiscountCode fields
discountCodeId	a DiscountCode id number
codes	one or more discount code strings
batchId	an id of a DiscountCode batch job

**Value**

a list containing a DiscountCode fields or a list of DiscountCodes

**References**

Shopify API DiscountCode documentation: <https://help.shopify.com/api/reference/discounts/discountcode>

---

DraftOrder

*DraftOrder Functions*

---

## Description

DraftOrder Functions

## Usage

`createDraftOrder(draftOrder, ...)`

`modifyDraftOrder(draftOrder, ...)`

`getDraftOrders(...)`

`getDraftOrder(draftOrderId, ...)`

`getDraftOrdersCount(...)`

`sendDraftOrderInvoice(draftOrderId, draftOrderInvoice, ...)`

`deleteDraftOrder(draftOrderId, ...)`

`completeDraftOrder(draftOrderId, ...)`

## Arguments

`draftOrder` a list containing DraftOrder fields

`...` additional request parameters

`draftOrderId` a DraftOrder id number

`draftOrderInvoice`  
an list of draft order invoice fields

## Value

a list containing a DraftOrder fields or a list of DraftOrders

## References

Shopify API DraftOrder documentation: <https://help.shopify.com/api/reference/orders/draftorder>

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Event	<i>Event Functions</i>
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**Description**

Event Functions

**Usage**

`getEvents(...)`

`getEvent(eventId, ...)`

`getEventsCount(...)`

**Arguments**

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

**Value**

a list containing a Event fields or a list of Events

**References**

Shopify API Event documentation: <https://help.shopify.com/api/reference/events/event>

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Fulfillment	<i>Fulfillment Functions</i>
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**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 <a href="#">Order</a> id number
...	additional request parameters
fulfillmentId	a <a href="#">Fulfillment</a> id number
fulfillment	a list containing <a href="#">Fulfillment</a> fields

### Value

a list containing a [Fulfillment](#) fields or a list of [Fulfillments](#)

### References

Shopify API Fulfillment documentation: [https://help.shopify.com/api/reference/shipping\\_and\\_fulfillment/fulfillment](https://help.shopify.com/api/reference/shipping_and_fulfillment/fulfillment)

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FulfillmentEvent	<i>FulfillmentEvent Functions</i>
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### Description

FulfillmentEvent Functions

### Usage

```
getFulfillmentEvents(orderId, fulfillmentId, ...)
```

```
getFulfillmentEvent(orderId, fulfillmentId, fulfillmentEventId, ...)
```

```
createFulfillmentEvent(orderId, fulfillmentId, fulfillmentEvent, ...)
```

```
deleteFulfillmentEvent(orderId, fulfillmentId, fulfillmentEventId, ...)
```

### Arguments

orderId	an <a href="#">Order</a> id
fulfillmentId	a <a href="#">Fulfillment</a> id
...	additional request parameters
fulfillmentEventId	a <a href="#">FulfillmentEvent</a> id number
fulfillmentEvent	a list containing <a href="#">FulfillmentEvent</a> fields

**Value**

a list containing a FulfillmentEvent fields or a list of FulfillmentEvents

**References**

Shopify API FulfillmentEvent documentation: [https://help.shopify.com/api/reference/shipping\\_and\\_fulfillment/fulfillmentservice](https://help.shopify.com/api/reference/shipping_and_fulfillment/fulfillmentservice)

---

FulfillmentService      *FulfillmentService Functions*

---

**Description**

FulfillmentService Functions

**Usage**

```
getFulfillmentServices(...)  
  
createFulfillmentService(fulfillmentService, ...)  
  
getFulfillmentService(fulfillmentServiceId, ...)  
  
modifyFulfillmentService(fulfillmentService, ...)  
  
deleteFulfillmentService(fulfillmentServiceId, ...)
```

**Arguments**

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

**Value**

a list containing a FulfillmentService fields or a list of FulfillmentServices

**References**

Shopify API FulfillmentService documentation: [https://help.shopify.com/api/reference/shipping\\_and\\_fulfillment/fulfillmentservice](https://help.shopify.com/api/reference/shipping_and_fulfillment/fulfillmentservice)

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GiftCard

*GiftCard Functions*

---

### **Description**

GiftCard Functions

### **Usage**

```
getGiftCards(...)  
getGiftCard(giftCardId, ...)  
getGiftCardsCount(...)  
createGiftCard(giftCard, ...)  
modifyGiftCard(giftCard, ...)  
disableGiftCard(giftCardId, ...)  
searchGiftCards(query, ...)
```

### **Arguments**

...	additional request parameters
giftCardId	a GiftCard id number
giftCard	a list containing GiftCard fields
query	a query string to use when searching GiftCards

### **Value**

a list containing a GiftCard fields or a list of GiftCards

### **References**

Shopify API GiftCard documentation: <https://help.shopify.com/api/reference/products/product>

---

GraphQL *Query the GraphQL Admin API*

---

**Description**

Query the GraphQL Admin API

**Usage**

```
graphqlQuery(query, ..., includeExtensions = FALSE)
```

**Arguments**

query	a literal GraphQL query string
...	additional request parameters
includeExtensions	should the extensions portion of the graphql query results be included in the return object. Default is FALSE

**Value**

The query results

---

InventoryItem *InventoryItem Functions*

---

**Description**

InventoryItem Functions

**Usage**

```
getInventoryItems(inventoryItemIds, ...)
```

```
getInventoryItem(inventoryItemId, ...)
```

```
modifyInventoryItem(inventoryItem, ...)
```

**Arguments**

inventoryItemIds	a vector of no more than 100 inventory item ids
...	additional request parameters
inventoryItemId	a InventoryItem id number
inventoryItem	a list containing InventoryItem fields

**Value**

a list containing a InventoryItem fields or a list of InventoryItems

**References**

Shopify API InventoryItem documentation: <https://help.shopify.com/api/reference/inventory/inventoryitem>

---

InventoryLevel	<i>InventoryLevel Functions</i>
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---

**Description**

InventoryLevel Functions

**Usage**

getInventoryLevels(locationIds, inventoryItemIds, ...)

modifyInventoryLevel(inventoryLevel, ...)

deleteInventoryLevel(locationId, inventoryItemId, ...)

connectInventoryItem(locationId, inventoryItemId, ...)

setInventoryLevel(inventoryLevel, ...)

**Arguments**

locationIds	a vector of <a href="#">Location</a> ids
inventoryItemIds	a vector of <a href="#">InventoryItem</a> ids
...	additional request parameters
inventoryLevel	a list containing InventoryLevel fields
locationId	a single <a href="#">Location</a> id
inventoryItemId	a single <a href="#">InventoryItem</a> id

**Value**

a list containing a InventoryLevel fields or a list of InventoryLevels

**References**

Shopify API InventoryLevel documentation: <https://help.shopify.com/api/reference/inventory/inventorylevel>



---

Location

*Location Functions*

---

### **Description**

Location Functions

### **Usage**

`getLocations(...)`

`getLocation(locationId, ...)`

`getLocationsCount(...)`

`getLocationInventoryLevels(locationId, ...)`

### **Arguments**

`...` additional request parameters

`locationId` a Location id

### **Value**

a list containing a Location fields or a list of Locations

### **References**

Shopify API Location documentation: <https://help.shopify.com/api/reference/inventory/location>

---

MarketingEvent

*MarketingEvent Functions*

---

### **Description**

MarketingEvent Functions

**Usage**

```

getMarketingEvents(...)

getMarketingEventsCount(...)

getMarketingEvent(marketingEventId, ...)

createMarketingEvent(marketingEvent, ...)

updateMarketingEvent(marketingEvent, ...)

deleteMarketingEvent(marketingEventId, ...)

createMarketingEventEngagements(marketingEventId, engagements, ...)

```

**Arguments**

```

...           additional request parameters
marketingEventId
               a MarketingEvent id number
marketingEvent a list containing MarketingEvent fields
engagements   a list of one or more engagements

```

**Value**

a list containing a MarketingEvent fields or a list of MarketingEvents

**References**

Shopify API MarketingEvent documentation: <https://help.shopify.com/api/reference/marketingevent>

---

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)
...	additional request parameters
metafieldId	a Metafield id number
metafield	a list containing Metafield fields

### Value

a list containing a Metafield fields or a list of Metafields

### References

Shopify API Metafield documentation: <https://help.shopify.com/api/reference/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**

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

**Value**

a list containing a Order fields or a list of Orders

**References**

Shopify API Order documentation: <https://help.shopify.com/api/reference/orders/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 <a href="#">Order</a> id number
orderRisk	a list containing OrderRisks fields
...	additional request parameters
orderRiskId	a OrderRisks id number

**Value**

a list containing a OrderRisks fields or a list of OrderRiskss

**References**

Shopify API OrderRisks documentation: [https://help.shopify.com/api/reference/orders/order\\_risk](https://help.shopify.com/api/reference/orders/order_risk)

---

Page	<i>Page Functions</i>
------	-----------------------

---

**Description**

Page Functions

**Usage**

`getPages(...)`

`getPagesCount(...)`

`getPage(pageId, ...)`

`createPage(page, ...)`

`modifyPage(page, ...)`

`deletePage(pageId, ...)`

**Arguments**

<code>...</code>	additional request parameters
<code>pageId</code>	a Page id number
<code>page</code>	a list containing Page fields

**Value**

a list containing a Page fields or a list of Pages

**References**

Shopify API Page documentation: [https://help.shopify.com/api/reference/online\\_store/page](https://help.shopify.com/api/reference/online_store/page)

---

Policy	<i>Policy Functions</i>
--------	-------------------------

---

**Description**

Policy Functions

**Usage**

`getPolicies(...)`

**Arguments**

... additional request parameters

**Value**

a list of Policies

**References**

Shopify API Policy documentation: <https://help.shopify.com/api/reference/store-properties/policy>

---

 PriceRule

*PriceRule Functions*


---

**Description**

PriceRule Functions

**Usage**

getPriceRules(...)

getPriceRulesCount(...)

getPriceRule(priceRuleId, ...)

createPriceRule(priceRule, ...)

modifyPriceRule(priceRule, ...)

deletePriceRule(priceRuleId, ...)

**Arguments**

... additional request parameters  
 priceRuleId a PriceRule id number  
 priceRule a list containing PriceRule fields

**Value**

a list containing a PriceRule fields or a list of PriceRules

**References**

Shopify API PriceRule documentation: <https://help.shopify.com/api/reference/discounts/pricerule>

---

Product

*Product Functions*

---

### **Description**

Product Functions

### **Usage**

getProducts(...)

getProductsCount(...)

getProduct(productId, ...)

createProduct(product, ...)

modifyProduct(product, ...)

deleteProduct(productId, ...)

### **Arguments**

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

### **Value**

a list containing a Product fields or a list of Products

### **References**

Shopify API Product documentation: <https://help.shopify.com/api/reference/products/product>

---

ProductImage

*ProductImage Functions*

---

### **Description**

ProductImage Functions

**Usage**

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

**Arguments**

productId	a <a href="#">Product</a> id number
...	additional request parameters
imageId	a <a href="#">ProductImage</a> id number
image	a list containing <a href="#">ProductImage</a> fields
filepath	the filepath to an image to upload

**Value**

a list containing a [ProductImage](#) fields or a list of [ProductImages](#)

**References**

Shopify API [ProductImage](https://help.shopify.com/api/reference/products/product_image) documentation: [https://help.shopify.com/api/reference/products/product\\_image](https://help.shopify.com/api/reference/products/product_image)

---

ProductListing

*ProductListing Functions*

---

**Description**

ProductListing Functions

**Usage**

```
getProductListings(...)  
  
getProductListingProducts(...)  
  
getProductListingsCount(...)  
  
getProductListing(productId, ...)
```



```
createProductListing(productId, ...)
```

```
deleteProductListing(productListingId, ...)
```

### Arguments

```
...          additional request parameters
productListingId
              a ProductListing id
productId    a Product id
```

### Value

a list containing a ProductListing fields or a list of ProductListings

### References

Shopify API ProductListing documentation: <https://help.shopify.com/api/reference/sales-channels/productlisting>

---

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

**Value**

a list containing a ProductVariant fields or a list of ProductVariants

**References**

Shopify API ProductVariant documentation: [https://help.shopify.com/api/reference/products/product\\_variant](https://help.shopify.com/api/reference/products/product_variant)

---

Province

*Province Functions*

---

**Description**

Province Functions

**Usage**

`getProvinces(countryId, ...)`

`getProvincesCount(countryId, ...)`

`getProvince(countryId, provinceId, ...)`

`modifyProvince(countryId, province, ...)`

**Arguments**

<code>countryId</code>	a <a href="#">Country</a> id number
<code>...</code>	additional request parameters
<code>provinceId</code>	a Province id number
<code>province</code>	a list containing Province fields

**Value**

a list containing a Province fields or a list of Provinces

**References**

Shopify API Province documentation: [https://help.shopify.com/api/reference/store\\_properties/province](https://help.shopify.com/api/reference/store_properties/province)

---

RecurringApplicationCharge

*RecurringApplicationCharge Functions*

---

### Description

RecurringApplicationCharge Functions

### Usage

`createRecurringCharge(charge, ...)`

`getRecurringCharge(chargeId, ...)`

`getRecurringCharges(...)`

`activateRecurringCharge(charge, ...)`

`cancelRecurringCharge(chargeId, ...)`

### Arguments

<code>charge</code>	a list containing RecurringApplicationCharge fields
<code>...</code>	additional request parameters
<code>chargeId</code>	a RecurringApplicationCharge id number

### Value

a list containing a RecurringApplicationCharge fields or a list of RecurringApplicationCharges

### References

Shopify API RecurringApplicationCharge documentation: <https://help.shopify.com/api/reference/billing/recurringapplicationcharge>

---

Redirect

*Redirect Functions*

---

### Description

Redirect Functions

**Usage**

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

**Arguments**

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

**Value**

a list containing a Redirect fields or a list of Redirects

**References**

Shopify API Redirect documentation: [https://help.shopify.com/api/reference/online\\_store/redirect](https://help.shopify.com/api/reference/online_store/redirect)

---

Refund

*Refund Functions*

---

**Description**

Refund Functions

**Usage**

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

**Arguments**

orderId	an <a href="#">Order</a> id number
refundId	a Refund id number
...	additional request parameters

**Value**

a list corresponding to a Refund

**References**

Shopify API Refund documentation: <https://help.shopify.com/api/reference/orders/refund>

---

Report	<i>Report Functions</i>
--------	-------------------------

---

**Description**

Report Functions

**Usage**

```
getReports(...)  
getReport(reportId, ...)  
createReport(report, ...)  
modifyReport(report, ...)  
deleteReport(reportId, ...)
```

**Arguments**

...	additional request parameters
reportId	a Report id number
report	a list containing Report fields

**Value**

a list containing a Report fields or a list of Reports

**References**

Shopify API Report documentation: <https://help.shopify.com/api/reference/analytics/report>

---

ResourceFeedback	<i>ResourceFeedback Functions</i>
------------------	-----------------------------------

---

**Description**

ResourceFeedback Functions

**Usage**

```
createResourceFeedback(resourceFeedback, ...)
```

```
getResourceFeedbacks(...)
```

**Arguments**

resourceFeedback	a list containing ResourceFeedback fields
...	additional request parameters

**Value**

a list containing a ResourceFeedback fields or a list of ResourceFeedbacks

**References**

Shopify API ResourceFeedback documentation: <https://help.shopify.com/api/reference/sales-channels/resourcefeedback>

---

ScriptTag	<i>ScriptTag Functions</i>
-----------	----------------------------

---

**Description**

ScriptTag Functions

**Usage**

```
getScriptTags(...)
```

```
getScriptTagsCount(...)
```

```
getScriptTag(scriptTagId, ...)
```

```
createScriptTag(scriptTag, ...)
```

```
modifyScriptTag(scriptTag, ...)
```

```
deleteScriptTag(scriptTagId, ...)
```

**Arguments**

...	additional request parameters
scriptTagId	a ScriptTag id number
scriptTag	a list containing ScriptTag fields

**Value**

a list containing a ScriptTag fields or a list of ScriptTags

**References**

Shopify API ScriptTag documentation: [https://help.shopify.com/api/reference/online\\_store/scripttag](https://help.shopify.com/api/reference/online_store/scripttag)

---

ShippingZone	<i>ShippingZone Functions</i>
--------------	-------------------------------

---

**Description**

ShippingZone Functions

**Usage**

```
getShippingZones(...)
```

**Arguments**

...	additional request parameters
-----	-------------------------------

**Value**

a list of ShippingZones

**References**

Shopify API ShippingZone documentation: <https://help.shopify.com/api/reference/store-properties/shippingzone>

---

Shop

*Shop Functions*

---

### Description

Shop Functions

### Usage

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

### Arguments

... additional request parameters

### Value

a list corresponding to a Shop

### References

Shopify API Shop documentation: [https://help.shopify.com/api/reference/store\\_properties/shop](https://help.shopify.com/api/reference/store_properties/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)
storeFrontToken	a Storefront API access token
quiet	suppress output of API announcements

**Details**

In order to access the Shopify Admin 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](#)

**CustomerSavedSearch functions** • [getCustomerSavedSearches](#)

- [getCustomerSavedSearchesCount](#)
- [getCustomerSavedSearch](#)
- [getCustomerSavedSearchResults](#)
- [createCustomerSavedSearch](#)
- [modifyCustomerSavedSearch](#)
- [deleteCustomerSavedSearch](#)

**DiscountCode functions** • [createDiscountCode](#)

- [modifyDiscountCode](#)
- [getDiscountCodes](#)
- [getDiscountCode](#)
- [deleteDiscountCode](#)
- [deleteDiscountCode](#)
- [createDiscountCodesCreationJob](#)
- [getDiscountCodesCreationJob](#)
- [getDiscountCodesFromCreationJob](#)

**DraftOrder functions** • [createDraftOrder](#)

- [modifyDraftOrder](#)
- [getDraftOrders](#)
- [getDraftOrder](#)
- [getDraftOrdersCount](#)
- [sendDraftOrderInvoice](#)
- [deleteDraftOrder](#)

- `completeDraftOrder`

**Event functions** • `getEvents`

- `getEvent`
- `getEventsCount`

**Fulfillment functions** • `getFulfillments`

- `getFulfillmentsCount`
- `getFulfillment`
- `createFulfillment`
- `modifyFulfillment`
- `completeFulfillment`
- `cancelFulfillment`

**FulfillmentEvent functions** • `getFulfillmentEvents`

- `getFulfillmentEvent`
- `createFulfillmentEvent`
- `deleteFulfillmentEvent`

**FulfillmentService functions** • `getFulfillmentServices`

- `createFulfillmentService`
- `getFulfillmentService`
- `modifyFulfillmentService`
- `deleteFulfillmentService`

**GiftCard functions** • `getGiftCards`

- `getGiftCard`
- `getGiftCardsCount`
- `createGiftCard`
- `modifyGiftCard`
- `disableGiftCard`
- `searchGiftCards`

**Location functions** • `getLocations`

- `getLocation`

**MarketingEvent functions** • `getMarketingEvents`

- `getMarketingEventsCount`
- `getMarketingEvent`
- `createMarketingEvent`
- `updateMarketingEvent`
- `deleteMarketingEvent`
- `createMarketingEventEngagements`

**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](#)

**PriceRule functions** • [getPriceRules](#)

- [getPriceRulesCount](#)
- [getPriceRule](#)
- [createPriceRule](#)
- [modifyPriceRule](#)
- [deletePriceRule](#)

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

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

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

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

**ProductListing functions** • [getProductListings](#)

- [getProductListingProducts](#)
- [getProductListingsCount](#)
- [getProductListing](#)
- [createProductListing](#)
- [deleteProductListing](#)

**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](#)
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**Refund functions** • [getRefund](#)

**Report functions** • [getReports](#)

- [getReport](#)
- [createReport](#)
- [modifyReport](#)
- [deleteReport](#)

**ResourceFeedback functions** • [createResourceFeedback](#)

- [getResourceFeedbacks](#)

**ScriptTag functions** • [getScriptTags](#)

- [getScriptTagsCount](#)
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- [createScriptTag](#)
- [modifyScriptTag](#)
- [deleteScriptTag](#)

**ShippingZone functions** • [getShippingZones](#)

- 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](#)
- UsageCharge functions** • [createUsageCharge](#)
- [getUsageCharge](#)
  - [getUsageCharges](#)
- User functions** • [getUsers](#)
- [getUser](#)
  - [getCurrentUser](#)
- 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

... additional request parameters  
smartCollectionId a SmartCollection id number  
smartCollection a list containing SmartCollection fields  
productIds a vector of [Product](#) ids in the desired sort order

## Value

a list containing a SmartCollection fields or a list of SmartCollections



## References

Shopify API SmartCollection documentation: <https://help.shopify.com/api/reference/products/smartcollection>

---

Theme	<i>Theme Functions</i>
-------	------------------------

---

## Description

Theme Functions

## Usage

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

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

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

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

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

## Arguments

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

## Value

a list containing a Theme fields or a list of Themes

## References

Shopify API Theme documentation: [https://help.shopify.com/api/reference/online\\_store/theme](https://help.shopify.com/api/reference/online_store/theme)

---

Transaction	<i>Transaction Functions</i>
-------------	------------------------------

---

**Description**

Transaction Functions

**Usage**

```
getTransactions(orderId, ...)
getTransactionsCount(orderId, ...)
getTransaction(orderId, transactionId, ...)
createTransaction(orderId, transaction, ...)
```

**Arguments**

orderId	an <a href="#">Order</a> id number
...	additional request parameters
transactionId	a Transaction id number
transaction	a list containing Transaction fields

**Value**

a list containing a Transaction fields or a list of Transactions

**References**

Shopify API Transaction documentation: <https://help.shopify.com/api/reference/orders/transaction>

---

UsageCharge	<i>UsageCharge Functions</i>
-------------	------------------------------

---

**Description**

UsageCharge Functions

**Usage**

```
createUsageCharge(recurringApplicationChargeId, usageCharge, ...)
getUsageCharge(recurringApplicationChargeId, usageChargeId, ...)
getUsageCharges(recurringApplicationChargeId, ...)
```

**Arguments**

recurringApplicationChargeId	a <a href="#">RecurringApplicationCharge</a> id
usageCharge	a list containing UsageCharge fields
...	additional request parameters
usageChargeId	a UsageCharge id number

**Value**

a list containing a UsageCharge fields or a list of UsageCharges

**References**

Shopify API UsageCharge documentation: <https://help.shopify.com/api/reference/billing/usagecharge>

---

User

*User Functions*

---

**Description**

User Functions

**Usage**

```
getUsers(...)
getUser(userId, ...)
getCurrentUser(...)
```

**Arguments**

...	additional request parameters
userId	a User id

**Value**

a list containing a User fields or a list of Users

**Note**

This functionality is only available to Shopify Plus stores

**References**

Shopify API User documentation: <https://help.shopify.com/api/reference/plus/user>

---

Webhook

*Webhook Functions*

---

### **Description**

Webhook Functions

### **Usage**

`getWebhooks(...)`

`getWebhooksCount(...)`

`getWebhook(webhookId, ...)`

`createWebhook(webhook, ...)`

`modifyWebhook(webhook, ...)`

`deleteWebhook(webhookId, ...)`

### **Arguments**

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

### **Value**

a list containing a Webhook fields or a list of Webhooks

### **References**

Shopify API Webhook documentation: <https://help.shopify.com/api/reference/events/webhook>

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