

Package ‘shopifyr’

July 22, 2019

Type Package

Title An R Interface to the Shopify API

Version 1.0.0

Date 2019-07-21

Author Charlie Friedemann

Maintainer Charlie Friedemann <cfriedem@gmail.com>

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'

NeedsCompilation no

Repository CRAN

Date/Publication 2019-07-22 04:30:02 UTC

R topics documented:

AbandonedCheckout	2
AccessScope	2
Announcements	3
ApplicationCharge	3
ApplicationCredit	4
Article	5
Asset	6
Blog	6
CarrierService	7
Checkout	8
Collect	9
CollectionListing	9
Comment	10
Country	11
CustomCollection	12
Customer	13
CustomerAddress	14
CustomerSavedSearch	15
DiscountCode	16
DraftOrder	17
Event	18
Fulfillment	18
FulfillmentEvent	19
FulfillmentService	20
GiftCard	21
GraphQL	22
InventoryItem	22
InventoryLevel	23
Location	24
MarketingEvent	24
Metafield	25
Order	26
OrderRisks	27
Page	28
Policy	29
PriceRule	29
Product	30
ProductImage	31
ProductListing	32
ProductVariant	32
Province	33
RecurringApplicationCharge	34

Redirect	35
Refund	36
Report	36
ResourceFeedback	37
ScriptTag	38
ShippingZone	38
Shop	39
shopifyr	40
ShopifyShop	40
SmartCollection	47
Theme	48
Transaction	49
UsageCharge	50
User	50
Webhook	51

AbandonedCheckout *AbandonedCheckout Functions*

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

*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>

*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

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>

ApplicationCredit *ApplicationCredit Functions*

Description

ApplicationCredit Functions

Usage

```
createApplicationCredit (credit, ...)
```

```
getApplicationCredit (creditId, ...)
```

```
getApplicationCredits (...)
```

Arguments

<code>credit</code>	a list containing ApplicationCredit fields
<code>...</code>	additional request parameters
<code>creditId</code>	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

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>...</code>	additional request parameters
<code>articleId</code>	an Article id number
<code>article</code>	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

Asset

Asset Functions

Description

Asset Functions

Usage

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

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

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

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

Arguments

themeId	a Theme 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

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

CarrierService

CarrierService Functions

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

Checkout

Checkout Functions

Description

Checkout Functions

Usage

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

Arguments

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

Value

a list of Checkouts

References

Shopify API Checkout documentation: https://help.shopify.com/api/reference/sales_channels/checkout

Collect

Collect Functions

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>

CollectionListing *CollectionListing Functions*

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>

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 (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

Country

Country Functions

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

CustomCollection *CustomCollection Functions*

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

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>

CustomerAddress *CustomerAddress Functions*

Description

CustomerAddress Functions

Usage

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

Arguments

customerId	a Customer 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

CustomerSavedSearch

CustomerSavedSearch Functions

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/customersavedsearch>

DiscountCode	<i>DiscountCode Functions</i>
--------------	-------------------------------

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 PriceRule 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

<code>draftOrder</code>	a list containing DraftOrder fields
<code>...</code>	additional request parameters
<code>draftOrderId</code>	a DraftOrder id number
<code>draftOrderInvoice</code>	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>

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

Description

Event Functions

Usage

```
getEvents (...)
```

```
getEvent (eventId, ...)
```

```
getEventsCount (...)
```

Arguments

...	additional request parameters
eventId	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>

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 Orderid number
...	additional request parameters
fulfillmentId	a Fulfillment id number
fulfillment	a list containing Fulfillment 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

FulfillmentEvent *FulfillmentEvent Functions*

Description

FulfillmentEvent Functions

Usage

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

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

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

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

Arguments

orderId	an Order id
fulfillmentId	a Fulfillment id
...	additional request parameters

fulfillmentEventId
 a FulfillmentEvent id number
 fulfillmentEvent
 a list containing FulfillmentEvent 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

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

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 *InventoryLevel Functions*

Description

InventoryLevel Functions

Usage

```
getInventoryLevels(locationIds, inventoryItemIds, ...)
```

```
modifyInventoryLevel(inventoryLevel, ...)
```

```
deleteInventoryLevel(locationId, inventoryItemId, ...)
```

```
connectInventoryItem(locationId, inventoryItemId, ...)
```

```
setInventoryLevel(inventoryLevel, ...)
```

Arguments

```
locationIds  a vector of Location ids
inventoryItemIds
              a vector of InventoryItem ids
...          additional request parameters
inventoryLevel
              a list containing InventoryLevel fields

locationId   a single Location id
inventoryItemId
              a single InventoryItem 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 Order 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

Page

Page Functions

Description

Page Functions

Usage

```
getPages (...)
```

```
getPagesCount (...)
```

```
getPage (pageId, ...)
```

```
createPage (page, ...)
```

```
modifyPage (page, ...)
```

```
deletePage (pageId, ...)
```

Arguments

... additional request parameters

pageId a Page id number

page 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

Policy

Policy Functions

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 Product id number
...	additional request parameters
imageId	a ProductImage id number
image	a list containing ProductImage 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 documentation: https://help.shopify.com/api/reference/products/product_image

ProductListing *ProductListing Functions*

Description

ProductListing Functions

Usage

```
getProductListings (...)  
  
getProductListingProducts (...)  
  
getProductListingsCount (...)  
  
getProductListing (productListingId, ...)  
  
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 *ProductVariant Functions*

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

Province

Province Functions

Description

Province Functions

Usage

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

Arguments

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

RecurringApplicationCharge
RecurringApplicationCharge Functions

Description

RecurringApplicationCharge Functions

Usage

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

Arguments

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

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: <https://help.shopify.com/api/reference/orders/refund>

Report

Report Functions

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 *ResourceFeedback Functions*

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

ScriptTag Functions

Description

ScriptTag Functions

Usage

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

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

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

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

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

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

Arguments

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

ShippingZone

ShippingZone Functions

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>

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

<code>shopURL</code>	the URL of your shop, as in <code>shopname.myshopify.com</code>
<code>password</code>	a Shopify API private app password or permanent access token (see Details)
<code>storeFrontToken</code>	a Storefront API access token
<code>quiet</code>	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](#)¹. 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](#)²) may use it as the `password` field of the `ShopifyShop` class as the private app password is essentially analogous to the permanent token granted through successful OAuth authentication.

¹<http://docs.shopify.com/api/tutorials/creating-a-private-app>

²<http://docs.shopify.com/api/tutorials/oauth>

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 • getLocation

- 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

Product Listing 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
- deleteRedirect

- Refund functions** • getRefund
- Report functions** • getReports
 - getReport
 - createReport
 - modifyReport
 - deleteReport
- ResourceFeedback functions** • createResourceFeedback
 - getResourceFeedbacks
- ScriptTag functions** • getScriptTags
 - getScriptTagsCount
 - getScriptTag
 - 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

Theme Functions

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

Transaction

Transaction Functions

Description

Transaction Functions

Usage

```
getTransactions(orderId, ...)
```

```
getTransactionsCount(orderId, ...)
```

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

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

Arguments

`orderId` an Order 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 RecurringApplicationCharge 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	<i>User Functions</i>
------	-----------------------

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

... additional request parameters
 webhookId a Webhook id number
 webhook 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>