

RushParcel RESTFul API Guide

API Reference

The RushParcel API is organized around REST. Our API has predictable, resource-oriented URLs, and uses HTTP response codes to indicate API errors. We support cross-origin resource sharing, allowing you to interact securely with our API from a client-side web application (though you should never expose your secret API key in any public website's client-side code). JSON is returned by all API responses, including errors, and your program can convert responses to appropriate language-specific object through custom codes.

List of Supported Functions

Functions that are currently released and supported:

- CreateShipping
- CreateMultiParcelShipping
- PurchaseLabel
- PurchaseMultiParcelShipmentLabel
- CancelLabel
- CancelMultiParcelShipmentLabel
- VerifyAddress
- TrackParcel
- GetPredefinedPackages
- GetUserDetails
- GetMyOrderList
- MakeDeposit
- AddBankAccount
- RemoveBankAccount

Authentication

All functions require an APIKEY to authenticate the user in order to use the API service. Use HTTP custom header to specify the value of APIKEY (production or test).

- Method:
 - GET
 - POST
- Error Response:
 - 401 Unauthorized (Invalid or Missing APIKEY)
- Example:
 - `Curl -H 'apikey:<value>'`

CreateShipping

This function allows users to get list of services and prices based on shipping parameters

- Method:
 - POST
- Success Response:
 - 200 OK (Return Shipment Object)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY)
 - 404 Not Found (Missing Input Parameters)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Input Parameters:
 - From_name (required)
 - From_lname (required)
 - From_address (required)
 - From_city (required)
 - From_state (required)
 - From_county (required)
 - From_zip (required)
 - From_phone (required)
 - To_name (required)
 - To_lname (required)
 - To_address (required)
 - To_city (required)
 - To_state (required)
 - To_county (required)
 - To_zip (required)
 - To_phone (required)
 - Number (required; number of packages in this shipment order)
 - Length (required if predefined_package not equal custom)
 - Width (required if predefined_package not equal custom)

- Height (required if predefined_package not equal custom)
 - Insurance_amount (optional)
 - Package weight (required)
 - Predefined packaging (required)
 - Predefined_packaging=FedExSmallBox, for carrier packages
 - Predefined_packaging=custom, for non-carrier packages
 - Carrier selection (required)
 - FedEx
 - USPS
- Output:
 - Shipment ID
 - Services
 - Prices
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/CreateShipping -d 'from_name=John' -d 'from_lname=Doe' -d 'from_address=123 Main St' -d 'from_city=Los Angeles' -d 'from_state=CA' -d 'from_country=US' -d 'from_zip_code=90012' -d 'from_phone=8000000000' -d 'to_name=Jane' -d 'to_lname=Doe' -d 'to_address=176 Gateway Blvd' -d 'to_address2=Suite 200' -d 'to_city=South San Francisco' -d 'to_state=CA' -d 'to_country=US' -d 'to_zip_code=94080' -d 'to_phone=8000000000' -d 'weight=2' -d 'predefined_package=FedExSmallBox' -d 'insurance_amount=100' -d 'carrier=FedEx'`

CreateMultiParcelShipping

This function allows users to get list of services and prices based on shipping parameters

- Method:
 - POST
- Success Response:
 - 200 OK (Return Shipment Object)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY)
 - 404 Not Found (Missing Input Parameters)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - From_name (required)
 - From_lname (required)
 - From_address (required)
 - From_city (required)
 - From_state (required)
 - From_county (required)
 - From_zip (required)
 - From_phone (required)
 - To_name (required)
 - To_lname (required)
 - To_address (required)
 - To_city (required)
 - To_state (required)
 - To_county (required)
 - To_zip (required)
 - To_phone (required)
 - Number (required; number of packages in this shipment order)
 - Length (required if predefined_package not equal custom)
 - Width (required if predefined_package not equal custom)
 - Height (required if predefined_package not equal custom)
 - Insurance_amount (optional)

- Package weight (required)
- Parcel_amount (required)
- Predefined packaging (required)
 - Predefined_packaging=FedExSmallBox, for carrier packaging
 - Predefined_packaging=custom, for non-carrier packaging
- Carrier selection (required)
 - FedEx
 - USPS
- Output:
 - Order ID
 - Services
 - Prices
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/CreateMultiParcelShipping -d 'from_name=John' -d 'from_lname=Doe' -d 'from_address=123 Main St' -d 'from_city=Los Angeles' -d 'from_state=CA' -d 'from_country=US' -d 'from_zip_code=90012' -d 'from_phone=8000000000' -d 'to_name=Jane' -d 'to_lname=Doe' -d 'to_address=176 Gateway Blvd' -d 'to_address2=Suite 200' -d 'to_city=South San Francisco' -d 'to_state=CA' -d 'to_country=US' -d 'to_zip_code=94080' -d 'to_phone=8000000000' -d 'weight=2' -d 'predefined_package=FedExSmallBox' -d 'insurance_amount=100' -d 'carrier=FedEx' -d 'parcel_amount=4'`

PurchaseLabel

This function allows users to make a purchase of the labels selected (single or batch)

- Method:
 - POST
- Success Response:
 - 201 Created (Label Generated)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY)
 - 404 Not Found (Missing Input Parameters)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Shipment ID or Comma delimited Shipment ID's
 - Service (required)
 - Insurance Amount (optional)
- Output:
 - PDF Shipping label URL
 - PNG Shipping label URL
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/PurchaseLabel -d 'shipment_id=shp_XXXXXXXX'` -d 'service=PRIORITY_OVERNIGHT'
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/PurchaseLabel -d 'shipment_id=shp_XXXXXXXX1,shp_XXXXXXXX2...shp_XXXXXXXXN'`

PurchaseMultiParcelShipmentLabel

This function allows users to make a purchase of multi-weight parcels

- Method:
 - POST
- Success Response:
 - 201 Created (Label Generated)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY)
 - 404 Not Found (Missing Input Parameters)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Order ID (required)
 - Service (required)
 - Carrier (required)
- Output:
 - PDF Shipping label URL for each parcel
 - PNG Shipping label URL for each parcel
 - Tracking number for each parcel
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/PurchaseMultiParcelLabel -d 'order_id=order_XXXXXXXXXX' -d 'service=PRIORITY_OVERNIGHT'`

CancelLabel

This function allows users to make a return of the labels purchased (single or batch)

- Method:
 - POST
- Success Response:
 - 200 OK (Cancel Request Submitted)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY)
 - 404 Not Found (Missing Input Parameters)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Shipment ID or Comma Delimited Shipment ID's
- Output:
 - Shipment ID
 - Refund status
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/CancelLabel -d 'shipment=shp_XXXXXXXXXX' -d 'service=FEDEX_GROUND'`

CancelMultiParcelShipmentLabel

This function allows users to make a return of the labels purchased (single or batch)

- Method:
 - POST
- Success Response:
 - 200 OK (Cancel Request Submitted)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY)
 - 404 Not Found (Missing Input Parameters)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Order ID
- Output:
 - Order ID
 - Refund status
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/CancelMultiParcelShipmentLabel -d 'order_id=order_XXXXXXXXXX'`

VerifyAddress

This function allows users to get an US address verified via United States Postal Service (residential or commercial)

- Method:
 - POST
- Success Response:
 - 200 OK (Address Verified)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY)
 - 404 Not Found (Address Verification Failed)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Street1 (required)
 - Street2 (optional)
 - City (required)
 - State (required)
 - Country (required)
 - Zip_code (required)
 - Phone (optional)
- Output:
 - Address object ID
 - Full address
 - Verification status
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/VerifyAddress -d 'street1=176 Gateway Blvd -d 'city=South San Francisco' -d 'state=CA' -d 'country=US' -d 'zip_code=94080'`

TrackParcel

This function allows users to track any package.

- Method:
 - POST
- Success Response:
 - 200 OK (Tracking Status)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY)
 - 404 Not Found (Missing Tracking Number)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Tracking Number
 - Carrier Name
- Output:
 - Tracking status object
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/TrackParcel -d 'tracking_number=12345677' -d 'carrier=FedEx'`

GetPredefinedPackages

This function returns a list of predefined packaging of a carrier selected.

- Method:
 - GET
- Success Response:
 - 200 OK (Packaging List)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY)
 - 404 Not Found (No Predefined Packages)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Carrier Name
- Output:
 - Packaging list
- Example:
 - `curl -H 'apikey:<value> -X' POST https://www.rushparcel.com/api/sandbox/GetPredefinedPackages -d 'carrier=FedEx'`

GetUserDetails

This function retrieves information about the currently logged on user itself.

- Method:
 - GET
- Success Response:
 - 200 OK (User Detail)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY or No Permission)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - None
- Output:
 - User detail
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/GetUserDetails`

GetMyOrderList

This function retrieves order information for the time period specified (max 7 days). If no dates specified, the function retrieves the order information for the last 7 days

- Method:
 - GET
- Success Response:
 - 200 OK (User Detail)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY or No Permission)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Start_date (optional)
 - End_date (optional)
- Output:
 - User detail
- Example:
 - `curl -H 'apikey:<value>' -G https://www.rushparcel.com/api/sandbox/GetMyOrderList -d 'start_date=2017-06-01' -d 'end_date=2017-06-07'`

MakeDeposit

This function makes deposit using the credit card stored in the account.

- Method:
 - POST
- Success Response:
 - 200 OK (Credit Loaded)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY or No Permission)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Card Number (required)
 - Expiration Year (required)
 - Expiration Month (required)
- Output:
 - Status object
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/MakeDeposit -d 'amount=200' -d 'source_type=bc' -d 'account_number=xxxxxxxxx' -d 'account_holder_name=XXXXXXXX'`

AddBankAccount

This function adds a bank account for the account to use with reloading the credit of the account. The bank account must be verified before it can be used on our platform.

Note: after successfully calling this function, we will make 2 small deposits to your bank account within 2-5 days. Please report the amounts of deposits back to us in order to complete the verification process.

- Method:
 - POST
- Success Response:
 - 200 OK (Credit Loaded)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Account_number (required)
 - Routing_number (required)
 - Account_name (required)
- Output:
 - Customer payment object
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/AddBankAccount -d 'account_number=424242424242' -d 'routing_number=1234567' -d 'account_name=abc company'`

RemoveBankAccount

This function removes a previously stored bank account from the account

- Method:
 - POST
- Success Response:
 - 200 OK (Card Removed)
- Error Response:
 - 400 Bad Request (Invalid Input Parameters)
 - 401 Unauthorized (Invalid or Missing APIKEY)
 - 500 Internal Server Error (General Parsing Error)
- Input Parameters:
 - Account_number (required)
 - Routing_number (required)
 - Account_name (required)
- Output:
 - Customer payment object
- Example:
 - `curl -H 'apikey:<value>' -X POST https://www.rushparcel.com/api/sandbox/RemoveBankAccount -d 'account_number=424242424242' -d 'routing_number=1234567' -d 'account_name=abc company'`