

PU Inbound Webservice IBE

Table of Contents

Overview	1
Version information	1
URI scheme	1
Tags	1
Paths	2
Hotel quote	2
Get hotel room details	2
Hotel search	3
Car quote	4
Car search	5
Change customer password	5
Create/Registrare customer	6
Deactivate customer	7
Delete customer	8
Get customer	9
Login customer	9
Logout customer	10
Read reservations for customer	11
Unassign reservation from customer	12
Update customer	13
Get Ferry Routings	14
Ferry search	14
Get geo tree	15
Insurance search	16
Delete item	17
Technical login	17
Ping	18
Book	19
Cancel	20
Get/Read reservation	20
Request cancel	21
Load TIRs	22
Add travellers	23
Delete travellers	24
Update travellers	24
Definitions	26
AccQuoteCriteriaData	26
AccQuoteRequestData	28

AccRoomData	28
AccSearchCriteriaData	28
AccSearchRequestData	31
AccSearchResponseData	32
AddTravellerData	32
AddTravellerRequestData	32
AddressData	33
Alias	33
BaseData	33
BookRequestData	34
BookResponseData	35
CancelRequestData	35
CancelResponseData	35
CarData	36
CarQuoteCriteriaData	37
CarQuoteRequestData	38
CarSearchCriteriaData	39
CarSearchRequestData	41
CarSearchResponseData	41
ChangePasswordCustomerRequestData	41
CityRouteData	41
CreateCustomerRequestData	42
CreditCardData	42
CustomerData	42
CustomerResponseData	42
Data for one geozone node	43
DateRangeData	44
DeactivateCustomerRequestData	44
DeleteCustomerRequestData	44
DeleteItemRequestData	45
DeleteTravellerRequestData	45
DetailsOnResultRequestData	45
DetailsOnResultResponseData	45
EmailData	46
ErrorData	46
FeatureAttributeData	46
FeatureData	46
FerryData	47
FerryRoutingsResponseData	47
FerrySearchCriteriaData	48
FerrySearchRequestData	50

FerrySearchResponseData	50
GeoData	50
GeoTreeRequestData	51
GeoTreeResponseData	51
GetCustomerRequestData	51
HarborData	51
InsuranceData	52
InsuranceSearchRequestData	52
InsuranceSearchResponseData	52
ItemData	53
ItemResponseData	53
ItemTravellerData	54
LoadTirsRequestData	54
LoadTirsResponseData	54
LoginCustomerRequestData	55
LoginData	55
LoginRequestData	55
LoginResponseData	55
LogoutCustomerRequestData	55
MealPlanData	56
OfficeHours	56
OperatorPortRouteData	56
PaymentData	56
PaymentInformationData	57
PhoneData	57
PickUpDropOffData	57
PriceData	57
QuoteResponseData	58
ReadReservationsForCustomerRequestData	58
ReadReservationsForCustomerResponseData	58
RemarkData	59
RequestData	59
ReservationOverviewData	59
ReservationRequestData	60
ReservationResponseData	60
SaveTirData	60
TirData	61
TopicData	61
TravelPeriodData	61
TravellerAssignmentData	62
TravellerData	62

TravellerResponseData	62
UnassignReservationFromCustomerRequestData.....	63
UnassignReservationFromCustomerResponseData	63
UpdateCustomerRequestData.....	63
UpdateTravellerData	64
UpdateTravellerRequestData	64
VehicleStationData	64

Overview

PU IBE Webservice endpoint

Version information

Version: v1

URI scheme

BasePath: /wsibe

Tags

- Accommodation quote
- Accommodation search
- Customer
- Ferry search
- Geo tree
- Insurance
- Login
- Ping
- Rental car quote
- Rental car search
- Reservation item resource
- Reservation resource
- Tirs resource
- Traveller resource

Paths

Hotel quote

POST `{version}/acc/quote/hotel/rooms`

Description

Quote hotel room

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Hotel quote request	true	AccQuoteRequ estData	

Responses

HTTP Code	Description	Schema
200	OK	QuoteResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Accommodation quote

Get hotel room details

POST `{version}/acc/search/hotel/roomDetails`

Description

Get details of a hotel room like features and remarks.

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Get hotel room details request object	true	DetailsOnResu ltRequestData	

Responses

HTTP Code	Description	Schema
200	OK	DetailsOnResultResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Accommodation search

Hotel search

POST `/{version}/acc/search/hotel/rooms`

Description

Search for hotel rooms. Search can be location or service based

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Hotel search request object	true	AccSearchReq uestData	

Responses

HTTP Code	Description	Schema
200	OK	AccSearchResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Accommodation search

Car quote

POST `/api/{version}/car/quote`

Description

Quote a rental cars, puts the product in the shopping cart and determines price and availability

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Car quote request object	true	CarQuoteRequestData	

Responses

HTTP Code	Description	Schema
200	OK	QuoteResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Rental car quote

Car search

POST `{version}/car/search`

Description

Search rental cars. Search can be executed with or without availability check

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Car search request object	true	CarSearchRequestData	

Responses

HTTP Code	Description	Schema
200	OK	CarSearchResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Rental car search

Change customer password

POST /{version}/customer/changePassword

Description

Change customer password.

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Change customer password request	true	ChangePasswordCustomerRequestData	

Responses

HTTP Code	Description	Schema
200	OK	CustomerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Customer

Create/Registrate customer

POST /{version}/customer/create

Description

Create/Registrate customer.

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Create/Registr ate customer request	true	CreateCustom erRequestData	

Responses

HTTP Code	Description	Schema
200	OK	CustomerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Customer

Deactivate customer

```
POST /{version}/customer/deactivate
```

Description

Deactivate customer.

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Deactivate customer	true	DeactivateCust omerRequestD ata	

Responses

HTTP Code	Description	Schema
200	OK	CustomerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Customer

Delete customer

POST `/{version}/customer/delete`

Description

Delete customer.

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Delete customer	true	DeleteCustomerRequestData	

Responses

HTTP Code	Description	Schema
200	OK	CustomerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Customer

Get customer

POST /{version}/customer/get

Description

Get customer.

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Get customer request	true	GetCustomerRequestData	

Responses

HTTP Code	Description	Schema
200	OK	CustomerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Customer

Login customer

POST /{version}/customer/login

Description

Authenticates a customer.

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Login customer request	true	LoginCustomerRequestData	

Responses

HTTP Code	Description	Schema
200	OK	CustomerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Customer

Logout customer

POST /{version}/customer/logout

Description

Logout customer.

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Logout customer request	true	LogoutCustomerRequestData	

Responses

HTTP Code	Description	Schema
200	OK	CustomerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Customer

Read reservations for customer

POST `/{version}/customer/readReservations`

Description

Read reservations for customer.

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Read reservations for customer	true	ReadReservationsForCustomerRequestData	

Responses

HTTP Code	Description	Schema
200	OK	ReadReservationsForCustomerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Customer

Unassign reservation from customer

POST `/{version}/customer/unassignReservation`

Description

Unassign reservation from customer.

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Unassign reservation from customer	true	UnassignReservationFromCustomerRequestData	

Responses

HTTP Code	Description	Schema
200	OK	UnassignReservationFromCustomerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Customer

Update customer

POST /{version}/customer/update

Description

Updates customer data.

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Update customer request	true	UpdateCustom erRequestData	

Responses

HTTP Code	Description	Schema
200	OK	CustomerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Customer

Get Ferry Routings

POST `/{version}/ferry/routings`

Description

returns ferry city-pair and port routings

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Get Ferry Routings request object	true	RequestData	

Responses

HTTP Code	Description	Schema
200	OK	FerryRoutingsResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Ferry search

Ferry search

POST `/{version}/ferry/search`

Description

returns ferry search result,

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Ferry search request object	true	FerrySearchRe questData	

Responses

HTTP Code	Description	Schema
200	OK	FerrySearchResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Ferry search

Get geo tree

```
POST /{version}/geo/tree
```

Description

For a given product type get geo hierarchy information for country, region and cities. Actually produces a forest,

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Geo tree request object	true	GeoTreeReque stData	

Responses

HTTP Code	Description	Schema
200	OK	GeoTreeResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Geo tree

Insurance search

POST `/api/{version}/insurance/search`

Description

Search for insurances.

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Insurance request	true	InsuranceSearchRequestData	

Responses

HTTP Code	Description	Schema
200	OK	InsuranceSearchResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Insurance

Delete item

POST /{version}/item/delete

Description

Delete one or more items from a reservation

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Delete item request	true	DeleteItemRequestData	

Responses

HTTP Code	Description	Schema
200	OK	ItemResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Reservation item resource

Technical login

POST /{version}/login

Description

Authenticates a client application (this is not for authentication end users, i.e. customers)

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Technical login request	true	LoginRequest Data	

Responses

HTTP Code	Description	Schema
200	OK	LoginResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Login

Ping

HEAD /{version}/ping

Description

Simply returns HTTP/200, to be used as a "is alive" service

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	

Responses

HTTP Code	Description	Schema
200	OK	No Content

Tags

- Ping

Book

POST `/{version}/reservation/book`

Description

Book all items in a reservation

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Book request	true	BookRequestD ata	

Responses

HTTP Code	Description	Schema
200	OK	BookResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Reservation resource

Cancel

```
POST /{version}/reservation/cancel
```

Description

Cancel reservation.

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Cancel request	true	CancelRequest Data	

Responses

HTTP Code	Description	Schema
200	OK	CancelResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Reservation resource

Get/Read reservation

```
POST /{version}/reservation/get
```

Description

Get/Read reservation

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Get/Read reservation request	true	ReservationRe questData	

Responses

HTTP Code	Description	Schema
200	OK	ReservationResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Reservation resource

Request cancel

```
POST /{version}/reservation/requestCancel
```

Description

Is cancellation of reservation possible? Returns cancellation fee/cost.

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	

Type	Name	Description	Required	Schema	Default
BodyParameter	body	Request cancel request	true	CancelRequestData	

Responses

HTTP Code	Description	Schema
200	OK	CancelResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Reservation resource

Load TIRs

POST `/{version}/tirs/load`

Description

Loads all TIRs (Traveller Information Requirement) from a reservation

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Load TIRs request	true	LoadTirsRequestData	

Responses

HTTP Code	Description	Schema
200	OK	LoadTirsResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Tirs resource

Add travellers

```
POST /{version}/traveller/add
```

Description

Add one or more travellers to a reservation

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Add traveller request	true	AddTravellerR equestData	

Responses

HTTP Code	Description	Schema
200	OK	TravellerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Traveller resource

Delete travellers

POST `/{version}/traveller/delete`

Description

Delete one or more travellers from a reservation

Parameters

Type	Name	Description	Required	Schema	Default
PathParamete r	version		true	string	
BodyParamete r	body	Delete traveller request	true	DeleteTravellerRequestData	

Responses

HTTP Code	Description	Schema
200	OK	TravellerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Traveller resource

Update travellers

POST `/{version}/traveller/update`

Description

Update one or more travellers in a reservation

Parameters

Type	Name	Description	Required	Schema	Default
PathParameter	version		true	string	
BodyParameter	body	Add traveller request	true	UpdateTravellerRequestData	

Responses

HTTP Code	Description	Schema
200	OK	TravellerResponseData

Consumes

- application/json

Produces

- application/json

Tags

- Traveller resource

Definitions

AccQuoteCriteriaData

Name	Description	Required	Schema	Default
reservationNumber	If reservation number is set, product will be added/quoted to referenced reservation. If not set, new reservation/quote will be generated on the fly.	false	integer (int64)	
bookingCode	Product, which will be quoted/added to reservation, is identified by its booking code (service id, product line and category code) like "NYC88380 ANRI" for "Fairfield Inn by Marriott Queens"	false	string	
travelPeriod	The travel period (from=<dd.mm.yy yy>, to=<dd.mm.yyyy>) for accommodation product	false	TravelPeriodData	

Name	Description	Required	Schema	Default
travellers	Travellers assigned to product. Only Traveller title is recommended, "MISTER", "MISSES", "CHILD", "INFANT". In case of "CHILD", "INFANT" it is useful to provide age also. Alternatively traveller can assigned by their traveller number.	false	TravellerData array	
numRooms	The number of accommodation rooms to quote/add to reservation	false	integer (int32)	
mealPlanCode	The mealplan code to quote/add to reservation (fine tune mealplan type): "M" (Halbpension plus), "Y" (All Inclusive plus), "E" (Fruehstueck (englisch)), "I" (All Inclusive), "H" (Halbpension), "C" (Fruehstueck (kontinental)), "B" (Fruehstueck (Buffet)), "U" (nur Uebernachtung), "X" (Verpfl.gem.Programm), "G" (Fruehstueck), "V" (Vollpension), "N" (Vollpension plus), "A" (Fruehstueck (amerikanisch))	false	enum (M, Y, E, I, H, C, B, U, X, G, V, N, A)	

AccQuoteRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
quoteCriteria		false	AccQuoteCriteriaData	

AccRoomData

Name	Description	Required	Schema	Default
bookingCode		false	string	
serviceId		false	string	
productLineCode		false	string	
categoryCode		false	string	
occupancy		false	integer (int32)	
numUnits		false	integer (int32)	
giataId		false	string	
serviceName		false	string	
categoryName		false	string	
travelPeriod		false	TravelPeriodData	
price		false	PriceData	
address		false	AddressData	
geo		false	GeoData	
mealPlan		false	MealPlanData	
topics		false	TopicData array	
brochureId		false	string	
bookingKey		false	string	
accCategory		false	string	
accClass		false	string	
availabilityStatus		false	string	

AccSearchCriteriaData

Name	Description	Required	Schema	Default
geoLocation	Where to search. Accepts PU geo location codes like CIT_NYC. Can be omitted if "serviceId" is set.	false	string	
bookingCode	Search for as specific service by its booking code (service id, product line and category code) like "NYC88380 ANRI" for "Fairfield Inn by Marriott Queens"	false	string	
serviceId	Search for as specific service by its code like "NYC88380" for "Fairfield Inn by Marriott Queens"	false	string	
categoryCode	Search for as specific category by its code like "RI" for "Fairfield Inn by Marriott Queens"	false	string	
serviceName	UNSUPPORTED → Has to be clarified(Search for as specific service by its name like "Fairfield Inn by Marriott Queens"	false	string	
duration	Length of stay in DAYS or NIGHTS (depending on "durationType")	false	integer (int32)	
numRooms	The number of rooms to search	false	integer (int32)	
numAdults	The number of adults	false	integer (int32)	

Name	Description	Required	Schema	Default
ageChildren	For each child specify its age in years	false	integer (int32) array	
minMealPlanCode	The minimum mealplan code (fine tune mealplan type): "M" (Halbpension plus),"Y" (All Inclusive plus),"E" (Fruehstueck (englisch)), "I" (All Inclusive), "H" (Halbpension), "C" (Fruehstueck (kontinental)), "B" (Fruehstueck (Buffet)), "U" (nur Uebernachtung), "X" (Verpfl.gem.Programm), "G" (Fruehstueck), "V" (Vollpension), "N" (Vollpension plus), "A" (Fruehstueck (amerikanisch))	false	enum (M, Y, E, I, H, C, B, U, X, G, V, N, A)	
topicsAndCondition	Defines multiple topic criteria will be handled: If "true", all topics must match, if "false" at least on topic must match. Default:false	false	boolean	false
topics	List of topic codes to be used as a search filter	false	string array	
productLines	List of product lines (codes) to be used as search filter	false	string array	

Name	Description	Required	Schema	Default
rqAvail	Whether to get "Available" (OK), "On Request"(RQ) or even "Not available" results:Default:OK_RQ	false	enum (OK, OK_RQ, OK_RQ_NA)	
earliestStart	The earliest start date formatted as DD.MM.YYYY, e.g. 24.12.2016	false	string	
latestEnd	The latest end formatted as DD.MM.YYYY, e.g. 24.12.2016	false	string	
durationType	Whether duration is calculated in in days or nights. Default:NIGHTS	false	enum (NIGHTS, DAYS)	
minAccClass	The minimum number of stars to search for	false	enum (ONE_STAR, ONE_STAR_PLUS, TWO_STARS, TWO_STARS_PLUS, THREE_STARS, THREE_STARS_PLUS, FOUR_STARS, FOUR_STARS_PLUS, FIVE_STARS, FIVE_STARS_PLUS, SIX_STARS, SIX_STARS_PLUS)	
minMealPlanType	The minimum mealplan type :Default:No restriction	false	enum (ALL_INCLUSIVE, BREAKFAST, FULL_BOARD, HALF_BOARD, ROOM_ONLY, NO_INFORMATION_AVAILABLE, ACCORDING_PROGRAM)	

AccSearchRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
searchCriteria		false	AccSearchCriteriaData	

AccSearchResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
searchResultCount		false	integer (int32)	
accRooms		false	AccRoomData array	

AddTravellerData

Name	Description	Required	Schema	Default
age		false	integer (int32)	
givenName		false	string	
surName		false	string	
assignments		false	TravellerAssignmentData array	
title	traveller title	false	enum (MISTER, MISSES, CHILD, INFANT)	
academicTitle	customer academic title	false	enum (DR, PROF, PROF_DR)	
dateOfBirth		false	string	

AddTravellerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
reservationNumber		false	integer (int64)	
travellersToAdd		false	AddTravellerData array	

AddressData

Name	Description	Required	Schema	Default
zipCode		false	string	
cityName		false	string	
street		false	string	
street2		false	string	
addressLine		false	string	
addressLine2		false	string	
county		false	string	
addressType		false	string	
country		false	string	

Alias

Name	Description	Required	Schema	Default
aliasType		false	enum (IATA_CODE, ISO_CODE, SYNONYM, CAR_PLATE, ORIGINAL, BUSINESS_CODE, WEBLOCATION_I D, IATA_CODE_SYNO NYM, ETOM_AIRPORT_P REFERRED, ETOM_AIRPORT)	
name		false	string	

BaseData

Name	Description	Required	Schema	Default
serviceDuration	Duration of the operation in milliseconds	false	integer (int64)	

Name	Description	Required	Schema	Default
serviceContextId	Authentication token obtained with "Technical login" (POST /{version}/login), mandatory for every call except "Technical Login"	false	string	
customerServiceContextId	Authentication token obtained with "Login customer" (POST (/version)/customer/login), mandatory for every operation that runs in the context of a logged in customer	false	string	
loggingUUID	Set a message id. This is important for connecting the log information of the presentation layer (client) with the inbound logs (server)	false	string	
serviceStart	Start time of the operation	false	string	
serviceEnd	End time of the operation	false	string	
language	Language code for human readable text, mandatory in "Get geo tree" (POST /{version}/geo/tree)	false	enum (EN, FR, DE, IT, RU)	
currency	Set the currency for the operation	false	enum (EN, FR, DE, IT, RU)	

BookRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	

Name	Description	Required	Schema	Default
reservationNumber	Reservation number is the unique identifier for a reservation/quote.	false	integer (int64)	
customer		false	CustomerData	
payment		false	PaymentData	
tirs		false	SaveTirData array	

BookResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
reservationOverview		false	ReservationOverviewData	
paymentInformation		false	PaymentInformationData	
items		false	ItemData array	
assignedTravellers		false	ItemTravellerData array	
unassignedTravellers		false	ItemTravellerData array	

CancelRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
reservationNumber	Reservation number is the unique identifier for a reservation/quote.	false	integer (int64)	
itemsToCancel		false	integer (int32) array	

CancelResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
reservationOverview		false	ReservationOverviewData	
paymentInformation		false	PaymentInformationData	
items		false	ItemData array	
assignedTravellers		false	ItemTravellerData array	
unassignedTravellers		false	ItemTravellerData array	
deletedItems		false	integer (int32) array	
canceledItems		false	integer (int32) array	

CarData

Name	Description	Required	Schema	Default
bookingCode	the complete booking code, to be used for quoting the result	false	string	
vendorId	Id of the vendor company e.g T0 for Thrifty, 77 for Hertz	false	string	
productLine	the Productline (i.e. catalogue)	false	string	
categoryCode	PU specific category code	false	string	
categoryDescription	Human readable description / example car, e.g.:"Toyota Corolla o.ä."	false	string	
topics	List of topic codes matching the result	false	string array	

Name	Description	Required	Schema	Default
vendorName	Human readable name of the vendor, e.g. "Hertz"	false	string	
brochureId		false	string	
price	Price information	false	PriceData	
stations	List of pickup dropoff station pair for this vehicle	false	PickUpDropOffData array	
sippCode	SIPP code	false	string	
carGroup	Car group	false	enum (CABRIOLET, LARGE_SIZE_CAR, MEDIUM_SIZE_CAR, SMALL_SIZE_CAR, SUV_2WD, SUV_4WD, VAN)	
recommendedNumberOfAdults		false	integer (int32)	
recommendedNumberOfChildren		false	integer (int32)	
recommendedNumberOfLargerLuggage		false	integer (int32)	
recommendedNumberOfSmallLuggage		false	integer (int32)	

CarQuoteCriteriaData

Name	Description	Required	Schema	Default
reservationNumber	If reservation number is set, product will be added/quoted to referenced reservation. If not set, new reservation/quote will be generated on the fly.	false	integer (int64)	

Name	Description	Required	Schema	Default
bookingCode	Product, which will be quoted/added to reservation, is identified by its booking code (service id, product line and category code) like "NYC88380 ANRI" for "Fairfield Inn by Marriott Queens"	false	string	
travelPeriod	The travel period (from=<dd.mm.yy yy>, to=<dd.mm.yyyy>) for accommodation product	false	TravelPeriodData	
travellers	Travellers assigned to product. Only Traveller title is recommended, "MISTER", "MISSES", "CHILD", "INFANT". In case of "CHILD", "INFANT" it is useful to provide age also. Alternatively traveller can assigned by their traveller number.	false	TravellerData array	
dropOffLocation	Geozone code of the dropoff location. Mandatory for one way, rentals, otherwise optional.	false	string	

CarQuoteRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
quoteCriteria		false	CarQuoteCriteriaData	

CarSearchCriteriaData

Name	Description	Required	Schema	Default
pickUpLocation	Geolocation code for pickup, can be region (if allowed), city or car station	true	string	
dropOffLocation	Geolocation code for dropoff, can be region (if allowed), city or car station, if left empty, dropoff=pickup is assumed	false	string	
vendorId	Id of the vendor company e.g T0 for Thrifty, 77 for Hertz	false	string	
productLines	List of product lines	false	string array	
categoryCode	The category defines the type of car. Alternatively sippCode can be used.	false	string	
sippCode	The sippCode defines the type of car. Alternatively categoryCode can be used.	false	string	
topics	List of topic codes.	false	string array	
topicsAndCondition	Defines multiple topic criteria will be handled: If "true", all topics must match, if "false" at least on topic must match. Default:false	false	boolean	false

Name	Description	Required	Schema	Default
checkAvailability	If true, all pickup dropoff combinations that match the search criterion and are actually available will be return. If false only one unique result per match will be returned (without pickup dropoff locations)	true	boolean	false
carGroup	Search for a specific car group	false	enum (CABRIOLET, LARGE_SIZE_CAR, MEDIUM_SIZE_CAR, SMALL_SIZE_CAR, SUV_2WD, SUV_4WD, VAN)	
bookingCode	Search for a specific booking code. If this field is set, all other car specific criteria are ignored	false	string	
pickUpDate	Pickup date and time DD.MM.YYYY HH:mm:ss, e.g. 24.12.2016 12:30:00 , the time part is optional, if ommitted 12:00 local time will be used	true	string	
dropOffDate	DropOffDate date and time DD.MM.YYYY HH:mm:ss, e.g. 24.12.2016 12:30:00 , if ommitted 12:00 local time will be used	true	string	

CarSearchRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
searchCriteria		false	CarSearchCriteria Data	

CarSearchResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
searchResultCount		false	integer (int32)	
cars		false	CarData array	

ChangePasswordCustomerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
userName		false	string	
newPassword		false	string	

CityRouteData

Name	Description	Required	Schema	Default
operatorPortRoute	the list of operator and port-specific routes for this city pair.	false	OperatorPortRouteData array	
departureCityName	the name of the departure city.	false	string	
departureCityGeoZoneCode	the geo zone code of the departure city.	false	string	
arrivalCityName	the name of the arrival city.	false	string	
arrivalCityGeoZoneCode	the geo zone code of the arrival city.	false	string	

CreateCustomerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
userName		false	string	
password		false	string	
customer		false	CustomerData	

CreditCardData

Name	Description	Required	Schema	Default
number		false	string	
company		false	string	
expireDate		false	string	

CustomerData

Name	Description	Required	Schema	Default
customerCode		false	string	
givenName		false	string	
surName		false	string	
addresses		false	AddressData array	
emails		false	EmailData array	
phones		false	PhoneData array	
creditCards		false	CreditCardData array	
title	customer title (in the sense of a salutation)	false	enum (MISTER, MISSES)	
academicTitle		false	string	

CustomerResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	

Name	Description	Required	Schema	Default
userName		false	string	
customer		false	CustomerData	

Data for one geozone node

Name	Description	Required	Schema	Default
parent	Code of the parent node (null for COUNTRY-Nodes)	false	string	
code	Id of the node	false	string	
name	Original name	false	string	
searchability	If SEARCHABLE searches are allowed on this node. If EXPANDABLE searches are allowed on descendents.	false	enum (EXPANDABLE, SEARCHABLE)	
level	COUNTRY: root level, REGION: second level, CITY: third level, SERVICE: fourth level	false	enum (COUNTRY, REGION, CITY, SERVICE)	
aliases	Alternative names for the node	false	Alias array	
vicinity	Vicinity type of location, only applicable for vehicle stations	false	enum (AIRPORT, CITY_CENTER, TERMINAL)	
longitude	Longitude of the location, only available for service locations	false	number	
latitude	Latitude of the location, only available for service locations	false	number	

Name	Description	Required	Schema	Default
locationType	Location type, only defined service locations, not for countries, regions and cities	false	enum (NONE, AIRPORT, CAR_STATION, RAILWAY_STATION, PORT, HOTEL, POINT_OF_INTEREST, FAIR, LANDMARK, CUSTOMER_POI, MARINA, APARTMENT, GOLF_COURSE, AMUSEMENT_PARK, MUSICAL, EVENT, ACTIVITY)	
address	Address data, only available for service locations	false	AddressData	
officeHours	Office hours data, only available for service locations of type CAR_STATION	false	OfficeHours array	

DateRangeData

Name	Description	Required	Schema	Default
from		false	string	
to		false	string	

DeactivateCustomerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
userName		false	string	
customer		false	CustomerData	

DeleteCustomerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	

Name	Description	Required	Schema	Default
userName		false	string	
customer		false	CustomerData	

DeleteItemRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
reservationNumber		false	integer (int64)	
itemsToDelete		false	integer (int32) array	

DeleteTravellerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
reservationNumber		false	integer (int64)	
travellersToDelete		false	integer (int32) array	

DetailsOnResultRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
bookingCode		false	string	
bookingKey		false	string	
numAdults		false	integer (int32)	
ageChildren		false	integer (int32) array	
travelPeriod		false	TravelPeriodData	
productType		false	string	

DetailsOnResultResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
bookingCode		false	string	
travelPeriod		false	TravelPeriodData	
remarks		false	RemarkData array	
features		false	FeatureData array	
productType		false	string	

EmailData

Name	Description	Required	Schema	Default
emailAddress		false	string	

ErrorData

Name	Description	Required	Schema	Default
wsErrorMsg		false	string	
puErrorCode		false	string	
wsErrorType		false	string	

FeatureAttributeData

Name	Description	Required	Schema	Default
code		false	string	
name		false	string	
description		false	string	
value		false	string	
featureGroupCode		false	string	

FeatureData

Name	Description	Required	Schema	Default
code		false	string	
name		false	string	

Name	Description	Required	Schema	Default
description		false	string	
featureGroupCode		false	string	
featureGroup		false	string	
attributes		false	FeatureAttributeData array	
exclusionDates		false	DateRangeData array	

FerryData

Name	Description	Required	Schema	Default
bookingCode		false	string	
serviceId		false	string	
productLineCode		false	string	
categoryCode		false	string	
occupancy		false	integer (int32)	
numUnits		false	integer (int32)	
giataId		false	string	
serviceName		false	string	
categoryName		false	string	
shipName	the ferry name.	false	string	
operatorCode	the operator code of the ferry.	false	string	
price	Price information	false	PriceData	
travelPeriod		false	TravelPeriodData	
routeInformation		false	TravelPeriodData array	
accCategory		false	string	
accClass		false	string	
availabilityStatus		false	string	

FerryRoutingsResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
cityRoutes	all routes between two cities found on the index.	false	CityRouteData array	
harbors	all harbors found for operator-specific ferry service tour segments on the server.	false	HarborData array	

FerrySearchCriteriaData

Name	Description	Required	Schema	Default
passengers		false	string array	
pets		false	string array	
meals		false	string array	
accomodations		false	string array	
acomodation		false	string array	
code		false	string	
description		false	string	
quantity		false	string	
transports		false	string array	
transport		false	string array	
vehicle		false	string array	
vehicleCode		false	string	
vehicleLength		false	string	
vehicleHeight		false	string	
marketSector		false	string	
fareType	What kind of fare it is BR or ...	false	string	
testMode		false	boolean	false

Name	Description	Required	Schema	Default
bookingCode	Search for as specific service by its booking code (service id, product line and category code) like "NYC88380 ANRI" for "Fairfield Inn by Marriott Queens"	false	string	
serviceId	Search for as specific service by its code like "NYC88380" for "Fairfield Inn by Marriott Queens"	false	string	
wsUser		false	string	
siteCode		false	string	
referCode		false	string	
language		false	string	
currency		false	string	
searchMode		false	string	
operatorCode	The operator code is four alphabets for ex. BRIT	false	string	
departPort	The departure port is a string offour alphabets for ex. NEWH	false	string	
destPort	The destination port is a string of four alphabets for ex. DIEP	false	string	
departDateTime		false	string (date-time)	
returnDateTime		false	string (date-time)	
requestTime	The time this request was issued.	false	string	

Name	Description	Required	Schema	Default
rqAvail	Whether to get "Available" (OK), "On Request"(RQ) or even "Not available" results:Default:OK_RQ	false	enum (OK, OK_RQ, OK_RQ_NA)	

FerrySearchRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
searchCriteria		false	FerrySearchCriteriaData	

FerrySearchResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
searchResultCount		false	integer (int32)	
ferries		false	FerryData array	

GeoData

Name	Description	Required	Schema	Default
geoZoneCode	the code of the geo zone.	false	string	
locationType	the location type of the geo zone, in case representing a location, as a string.	false	string	
geoZoneType	the type of the geo zone, as a string.	false	string	
latitude	the latitude of the geo zone, as a string.	false	string	

Name	Description	Required	Schema	Default
longitude	the longitude of the geo zone, as a string.	false	string	

GeoTreeRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
productType	Tree will be created for this product type	false	enum (APARTMENT, HOTEL, CAMPER, MOTORCYCLE, RENTAL_CAR, TOUR, OTHER)	

GeoTreeResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
nodes	List of nodes including parent child relations	false	Data for one geozone node array	

GetCustomerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
userName		false	string	
customer		false	CustomerData	

HarborData

Name	Description	Required	Schema	Default
geoZoneCode	the code of the geo zone.	false	string	
id	the id of the harbor.	false	integer (int64)	

Name	Description	Required	Schema	Default
name	the name of the harbor.	false	string	
locationType	the location type of the geo zone, in case representing a location, as a string.	false	string	
geoZoneType	the type of the geo zone, as a string.	false	string	
latitude	the latitude of the geo zone, as a string.	false	string	
longitude	the longitude of the geo zone, as a string.	false	string	

InsuranceData

Name	Description	Required	Schema	Default
bookingCode		false	string	
externalDescription		false	string	
price		false	PriceData	
url		false	string	
availabilityStatus		false	string	

InsuranceSearchRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
reservationNumber	Reservation number is the unique identifier for a reservation/quote.	false	integer (int64)	

InsuranceSearchResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
insurances		false	InsuranceData array	

ItemData

Name	Description	Required	Schema	Default
itemNumber		false	integer (int32)	
bookingCode		false	string	
serviceId		false	string	
productLineCode		false	string	
categoryCode		false	string	
price		false	PriceData	
numUnits		false	integer (int32)	
assignedTravellers		false	integer (int32) array	
travelPeriod		false	TravelPeriodData	
availabilityStatus		false	string	
productType		false	string	
itemStatus		false	string	

ItemResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
reservationOverview		false	ReservationOverviewData	
paymentInformation		false	PaymentInformationData	
items		false	ItemData array	
assignedTravellers		false	ItemTravellerData array	

Name	Description	Required	Schema	Default
unassignedTravellers		false	ItemTravellerData array	
deletedItems		false	integer (int32) array	
canceledItems		false	integer (int32) array	

ItemTravellerData

Name	Description	Required	Schema	Default
travellerNumber		false	integer (int32)	
age		false	integer (int32)	
givenName		false	string	
surName		false	string	
assignedItems		false	integer (int32) array	
title	traveller title	false	enum (MISTER, MISSES, CHILD, INFANT)	
academicTitle	customer academic title	false	enum (DR, PROF, PROF_DR)	
dateOfBirth		false	string	

LoadTirsRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
reservationNumber	Reservation number is the unique identifier for a reservation/quote.	false	integer (int64)	

LoadTirsResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	

Name	Description	Required	Schema	Default
reservationNumber		false	integer (int64)	
tirs		false	TirData array	

LoginCustomerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
userName		false	string	
password		false	string	

LoginData

Name	Description	Required	Schema	Default
user		false	string	
password		false	string	

LoginRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
login		false	LoginData	

LoginResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	

LogoutCustomerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
userName		false	string	

MealPlanData

Name	Description	Required	Schema	Default
mealPlanCode		false	string	
mealPlanName		false	string	
mealPlanType		false	string	

OfficeHours

Name	Description	Required	Schema	Default
dayOfWeek		false	enum (MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY, SUNDAY)	
usageType		false	enum (PICK_UP, DROP_OFF, BOTH)	
openTime		false	string	
closingTime		false	string	

OperatorPortRouteData

Name	Description	Required	Schema	Default
departureHarbor		false	HarborData	
arrivalHarbor		false	HarborData	
operatorCode		false	string	

PaymentData

Name	Description	Required	Schema	Default
creditCard		false	CreditCardData	
paymentType	Allowed forms of payment	false	enum (CREDIT_CARD, INVOICE)	

PaymentInformationData

Name	Description	Required	Schema	Default
disagio		false	PriceData	
cancellationFee		false	PriceData	
opcFee		false	PriceData	
payed		false	PriceData	
nextPayment		false	PriceData	
outstanding		false	PriceData	
allowedPaymentTypes		false	string array	
depositPayDate		false	string	
nextPayDate		false	string	
finalPayDate		false	string	

PhoneData

Name	Description	Required	Schema	Default
phoneNumber		false	string	
phoneType		false	string	

PickUpDropOffData

Name	Description	Required	Schema	Default
pickUp		false	VehicleStationData	
dropOff		false	VehicleStationData	
availabilityStatus		false	enum (AVAILABLE, CONDITIONALLY_Bookable, ON_REQUEST, UNAVAILABLE, WAITLIST, UNKNOWN)	

PriceData

Name	Description	Required	Schema	Default
amountInCent		false	integer (int32)	
specialRate		false	boolean	false
currency		false	string	

QuoteResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
reservationOverview		false	ReservationOverviewData	
paymentInformation		false	PaymentInformationData	
items		false	ItemData array	
assignedTravellers		false	ItemTravellerData array	
unassignedTravellers		false	ItemTravellerData array	
quotedItems	Quoted reservation items	false	ItemData array	

ReadReservationsForCustomerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
userName		false	string	
customer		false	CustomerData	

ReadReservationsForCustomerResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
userName		false	string	
customer		false	CustomerData	

Name	Description	Required	Schema	Default
numQuotedReservations		false	integer (int32)	
numBookedReservations		false	integer (int32)	
quotedReservations		false	ReservationOverviewData array	
bookedReservations		false	ReservationOverviewData array	

RemarkData

Name	Description	Required	Schema	Default
code		false	string	
text		false	string	
dateRanges		false	DateRangeData array	
usages		false	string array	

RequestData

Name	Description	Required	Schema	Default
base		false	BaseData	

ReservationOverviewData

Name	Description	Required	Schema	Default
reservationNumber	Reservation number is the unique identifier for a reservation/quote.	false	integer (int64)	
totalPrice	The total price (and currency) in cent	false	PriceData	
partyName	Party name of reservation	false	string	
numItems	Number of reservation items	false	integer (int32)	

Name	Description	Required	Schema	Default
reservationStatus		false	string	
createdDate		false	string	
lastModifiedDate		false	string	
bookDate		false	string	

ReservationRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
reservationNumber	Reservation number is the unique identifier for a reservation/quote.	false	integer (int64)	

ReservationResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
reservationOverview		false	ReservationOverviewData	
paymentInformation		false	PaymentInformationData	
items		false	ItemData array	
assignedTravellers		false	ItemTravellerData array	
unassignedTravellers		false	ItemTravellerData array	

SaveTirData

Name	Description	Required	Schema	Default
tirCode		false	string	
name		false	string	
description		false	string	

Name	Description	Required	Schema	Default
replyLength		false	integer (int32)	
assignedTraveller		false	integer (int32)	
assignedItem		false	integer (int32)	
userReply		false	string	
level		false	string	
replyFormat		false	string	

TirData

Name	Description	Required	Schema	Default
tirCode		false	string	
name		false	string	
description		false	string	
replyLength		false	integer (int32)	
assignedTraveller		false	integer (int32)	
assignedItem		false	integer (int32)	
level		false	string	
replyFormat		false	string	

TopicData

Name	Description	Required	Schema	Default
code		false	string	
type		false	string	
name		false	string	

TravelPeriodData

Name	Description	Required	Schema	Default
fromTime	Contains a start time for the travel period if applicable, e.g. rental cars, flights. Format HH:mm:ss.	false	string	

Name	Description	Required	Schema	Default
toTime	Contains an end time for the travel period if applicable, e.g. rental cars, flights. Format HH:mm:ss.	false	string	
checkInTime	Contains a check time for the travel period if applicable, e.g. ferry.	false	string	
duration		false	integer (int32)	
from		false	string	
to		false	string	

TravellerAssignmentData

Name	Description	Required	Schema	Default
item		false	integer (int32)	
travellerToUnassignment		false	integer (int32)	

TravellerData

Name	Description	Required	Schema	Default
travellerNumber		false	integer (int32)	
age		false	integer (int32)	
givenName		false	string	
surName		false	string	
title	traveller title	false	enum (MISTER, MISSES, CHILD, INFANT)	
academicTitle	customer academic title	false	enum (DR, PROF, PROF_DR)	
dateOfBirth		false	string	

TravellerResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
assignedTravellers		false	ItemTravellerData array	
unassignedTravellers		false	ItemTravellerData array	
addedTravellers		false	integer (int32) array	
updatedTravellers		false	integer (int32) array	
deletedTravellers		false	integer (int32) array	

UnassignReservationFromCustomerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
reservationNumber	Reservation number is the unique identifier for a reservation/quote.	false	integer (int64)	

UnassignReservationFromCustomerResponseData

Name	Description	Required	Schema	Default
base		false	BaseData	
error		false	ErrorData	
reservationOverview		false	ReservationOverviewData	

UpdateCustomerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
userName		false	string	
customer		false	CustomerData	

UpdateTravellerData

Name	Description	Required	Schema	Default
travellerNumber		false	integer (int32)	
age		false	integer (int32)	
givenName		false	string	
surName		false	string	
assignments		false	TravellerAssignmentData array	
title	traveller title	false	enum (MISTER, MISSES, CHILD, INFANT)	
academicTitle	customer academic title	false	enum (DR, PROF, PROF_DR)	
dateOfBirth		false	string	

UpdateTravellerRequestData

Name	Description	Required	Schema	Default
base		false	BaseData	
reservationNumber		false	integer (int64)	
travellersToUpdate		false	UpdateTravellerData array	

VehicleStationData

Name	Description	Required	Schema	Default
geoZoneCode		false	string	