

Interfaccia BookingFor Backend API

for communication with [bookingfor.com](https://www.bookingfor.com)

Ver. 4.0

Summary

Summary	2
PROJECT DATA	3
DOCUMENT DATA	3
Revisions	3
Premise	5
Set up:	6
List of available methods:	6
GetResources.....	6
SetResources	7
DeleteResources.....	7
GetResourceProductCategories	8
GetGeographicZones.....	9
GetGroupingResources.....	9
SetGroupingResources	10
DeleteGroupingResources.....	11
GetAvailableTags	11
GetPolicies	12
GetRateCategories.....	13
GetPOICategories	13
GetReservations	14
SetReservations	15
GetReservationPayments	15
GetReservationRegistries	16
SetReservationRegistries.....	17
GetVariationPlans.....	18
SetVariationPlans.....	18
DeleteVariationPlans	19
GetMerchantConfiguration	19
Field Legend	21

PROJECT DATA

Website:	Www. bookingfor.com
Owner:	Ipertrade srl
Maintainer:	

DOCUMENT DATA

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Written by:	Marco Slanzi
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Revisions

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Motivations			
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Change description	Service alignment with BookingFor 7.2.2		
Motivations			

Revision No.	03	Revision Date	02/2021
Change description	Service alignment with BookingFor 8.2.0		
Motivations			

Premise

Technical notes will follow for the use of BookingFor Backend API reserved for software houses that intend to synchronize the data of their Channel Managers or PMS with the booking system called BookingFor.

The system is based on communications via the SOAP protocol and the data structure is proprietary.

For any information: developer@ipertrade.com

Set up:

The BookingFor backend API interface must have the following parameters:

- Login: User identifier
- Password: User password
- MerchantId: Merchant code

List of available methods:

GetResources

The GetResources message is used to have a list of available resources of a merchant.

Only mapping codes, default name, and rate categories associated with the resource will be retrieved.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
	GetOnlySelected	1	If valued at true, retrieves only resources with references specified on RefIds
Message/Request/Refids		1-n	String array

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
GetResourcesResult		1	Array of objects of type ResourceObject (each node is defined as Result): see Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

SetResources

The SetResources message is used to update, add, or insert resources for the merchant from scratch. the operation will behave in different seconds than some parameters that can be specified in the message.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
	InsertOnly	1	If valued to true, it will only insert resources and not modify existing resources
	UpdateOnly	1	If valued to true, it will only update existing resources and not insert new resources
	InsertBulk	1	If valued at true, fully reintegrates the submitted data and clears ALL existing resources
Message/Request/Items		1-n	Array of objects of type ResourceObject (each node is defined as ResourceObject): see Appendix to see the structure of the object

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
SetResourcesResult		1	Returns the total number of records inserted/updated
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

DeleteResources

The DeleteResources message is used to delete the resources specified for the merchant.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
Message/Request/Refids		1-n	String array

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
DeleteResourcesResult		1	Returns the total number of records inserted/updated
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetResourceProductCategories

Retrieves the available categories to use for the resource's MainCategoryId field.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
GetResourceProductCategoriesResult		1	Array of objects of type CategoryObject (each node is defined as Result): see Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetGeographicZones

Retrieves the available categories to use for the Resource Zones and Resource Groups field.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
GetResourceProductCategoriesResult		1	Array of objects of type GeographicZoneObject (each node is defined as a Result): see Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetGroupingResources

The GetGroupingResources message is used to have a list of a merchant's available resource groups. Only mapping codes, default name, and rate categories associated with the resource will be retrieved.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
	GetOnlySelected	1	If valued at true, retrieves only

			resources with references specified on RefIds
Message/Request/Refids		1-n	String array

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
GetGroupingResourcesResult		1	Array of objects of type GroupingResourceObject (each node is defined as Result): see Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

SetGroupingResources

The SetGroupingResources message is used to update, add, or insert resource groups for the merchant from scratch. the operation will behave in different seconds than some parameters that can be specified in the message.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
	InsertOnly	1	If valued to true, it will only insert resources and not modify existing resources
	UpdateOnly	1	If valued to true, it will only update existing resources and not insert new resources
	InsertBulk	1	If valued at true, fully reintegrates the submitted data and clears ALL existing resources

Message/Request/Items		1-n	Array of objects of type GroupingResourceObject (each node is defined as GroupingResourceObject): see Appendix to see the structure of the object
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ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
SetResourcesResult		1	Returns the total number of records inserted/updated
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

DeleteGroupingResources

The DeleteGroupingResources message is used to delete the resource groups specified for the merchant.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
Message/Request/Refs		1-n	String array

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
DeleteResourcesResult		1	Returns the total number of records inserted/updated
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetAvailableTags

Retrieves available descriptive services: To be used for the resource's Tags field.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
GetAvailableTagsResult		1	Array of objects of type TagObject (each node is defined as Result): see Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetPolicies

Retrieves available descriptive services: To be used for the resource's PolicyId field.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
GetPoliciesResult		1	Array of objects of type PolicyObject (each node is defined as Result): see

			Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetRateCategories

Retrieves the available fare categories: To be used for the RateCategoryRefId field of a resource's prices.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
GetPoliciesResult		1	Array of objects of type PolicyObject (each node is defined as Result): see Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetPOICategories

Retrieves the points of interest categories entered in the subscription: to be used for the CategoryId field on the various points of experience.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
GetPoliciesResult		1	Array of objects of type POICategoryObject (each node is defined as Result): see Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetReservations

The GetReservations message is used to have the list of bookings registered and/or created on BookingFor, including any prices included in the quote made.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
Message/Request/StartDate		1	Start date of the control
Message/Request/EndDate		1	The end date of the control
Message/Request/DateType		1	Type of date control. Possible values: CreationDate: Date the reservation was created. ArrivalDate: Holiday start date DepartureDate: holiday end date LastUpdateDate: Last data refresh date
Message/Request/StatusType		1	Type of check for booking status. Possible values: All: all New: only the new ones Canceled: only erased Confirmed: only confirmed
Message/Request/FlagRetrievedAsExported		1	If it is not specified in the request or is set to true, the reservation on reading will no longer be read in subsequent readings in this request.

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
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GetReservationsResult		1	Array of Reservation objects (each node is defined as Result): see Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

SetReservations

The SetReservations message is used to place reservations on BookingFor, which will be visible in the "Reservations and Requests" section. If a booking is valid, at least the contact's email address, total, holiday period, and people within the related quote must be specified. In this case, the type of parameter of the InsertBulk operation will not be used.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
	InsertOnly	1	If valued at true, it will only enter reservations and not change existing reservations
	UpdateOnly	1	If valued to true, it will only update existing reservations and not insert new bookings
Message/Request/Items		1-n	Reservation object array (each node is defined as Reservation): see Appendix to see object structure

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
SetReservations		1	Returns the total number of records inserted/updated
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetReservationPayments

The GetReservationPayments message is used to have the list of all payments recorded and/or created on BookingFor and not yet retrieved in previous calls. Once recovered, they will no longer be selectable in future calls.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
	GetOnlySelected	1	If valued at true, retrieves only reservation-related payments with references specified on RefIds
Message/Request/Refids		1-n	String array

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
GetReservationPaymentsResult		1	Array of objects of type ReservationPayment (each node is defined as a Result): see Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetReservationRegistries

The GetReservationRegistries message is used to have a list of all registry records registered and/or created on BookingFor and not yet retrieved in previous calls. Once recovered, they will no longer be selectable in future calls.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
	GetOnlySelected	1	If valued at true, retrieves only the personal data related to reservations with references specified on RefIds
Message/Request/Refids		1-n	String array

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
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GetReservationRegistriesResult		1	Array of reservation registry objects (each node is defined as result): see Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

SetReservationRegistries

The SetReservationRegistries message is used to enter the personal data of a reservation on BookingFor. The main personal data for the reservation must have at least the valid e-mail, first name, surname, date of birth and document data. In this case, the parameter of operation type InsertBulk will not be used.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
	InsertOnly	1	If valued at true, it will only enter reservations and not change existing reservations
	UpdateOnly	1	If valued to true, it will only update existing reservations and not insert new bookings
Message/Request/Items		1-n	Array of objects of type ReservationRegistry (each node is defined as ReservationRegistry): see Appendix to see the structure of the object

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
SetReservationRegistriesResult		1	Returns the total number of records inserted/updated
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetVariationPlans

The GetVariationPlans message is used to retrieve a merchant's list of available offers, including localized translations (depending on the languages available in the subscription), photos, and application rules.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
GetVariationPlansResult		1	Array of objects of type VariationPlan (each node is defined as Result): see Appendix to see the structure of the object
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

SetVariationPlans

The SetVariationPlans message is used to update, add, or insert merchant bids from scratch. The operation will have different behaviors depending on some parameters that can be specified in the message.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
	InsertOnly	1	If valued to true, it will only insert offers and not modify existing
	UpdateOnly	1	If valued at true, it will only update existing offers and will not the inclusion of the new one

	InsertBulk	1	If valued at true, makes a total reintegration of the submitted data and clears ALL existing offers
Message/Request/Items		1-n	Array of objects of type VariationPlan (each node is defined as VariationPlan): see Appendix to see the structure of the object

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
SetReservationRegistriesResult		1	Returns the total number of records inserted/updated
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

DeleteVariationPlans

The DeleteVariationPlans message is used to delete the quotes specified for the merchant.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	
Message/Request/Refids		1-n	String array

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
DeleteResourcesResult		1	Returns the total number of records inserted/updated
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

GetMerchantConfiguration

The GetMerchantConfiguration message uses merchant base configuration retrieval.

REQUEST

Element	Attribute	NUMBER OF ITEMS	Description
Message		1	Message
Message/Authentication			
	Login	1	Id
	Password	1	Password
	MerchantId	1	Merchant identifier
Message/Request		1	

ANSWER

Element	Attribute	NUMBER OF ITEMS	Description
GetMerchantConfigurationResult		1	MerchantConfiguration object (see appendix for definition)
	Success	1	If valued at true, the request has been successful
	FailureReason	1	If the request failed, the reason for the failure will be specified.

Field Legend

EnergyClass

- 0: not set
- 1: Not classifiable
- 2: exempt
- 3: in evaluation
- 100: A+
- 101: A
- 102: B
- 103: C
- 104: D
- 105: E
- 106: F
- 107: G

Appendix

RESOURCEOBJECT

The basic structure for retrieving, inserting, updating a resource's data. Next, the definition of the class.

Element	Type	NUMBER OF ITEMS	Description
Refid	String	1	this parameter will be used to retrieve/update/delete resources and must be unique to the same merchant
Weight	Int	1	Resource priority (used in sorting resources in lists) in ascending order
Enabled	Boolean	1	if valued at true the resource will be visible in the public area
MainCategoryId	Int	0-1	Resource membership category (see GetResourceProductCategories for recovery)
Names	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the name
Descriptions	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the description

Inclusions	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define available translations to describe what is included in the resource
Exclusions	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define translations to describe what is not included in the resource
WhatToKnow	TranslationObject	0-n	Array of Objects of type TranslationObject (see Appendix for class definition): Define translations to describe what to carry around (useful for experiences/tours)
WhatToBring	TranslationObject	0-n	Array of Objects of type TranslationObject (see Appendix for class definition): Define translations to describe what to say to the customer before booking
Area	Decimal	0-1	Defines the resource area in square meters
Address	String	1	Defines the location address of the resource
StateId	Int	0-1	The resource state reference code. For the correct code, refer to http://www.geonames.org/
RegionId	Int	0-1	Resource region/federal status reference code. For the correct code, refer to http://www.geonames.org/
CityId	Int	0-1	The resource's city reference code. For the correct code, refer to http://www.geonames.org/
XPos	String	1	Latitude of resource position in decimal values +-90
YPos	String	1	Longitude of resource position in decimal values +-180
CityCenterDistance	Int	1	Distance in meters from the city center
Zones	Int	0-1	Array of zones (for retrieval see GetGeographicZones)
GetMerchantAddress	Bool	1	If set to yes, the merchant's address is automatically used. in this case you do not need to specify all the geographic information of the resource
GetResourceGroupAddress	Bool	1	If set to yes, the resource group address is automatically used. in this case you do not need to specify all the geographic information of the resource
IsLimitedPaxes	Boolean	1	When valued at true, the resource is limited to a minimum and maximum of people.

MinPaxes	Int	1	The minimum number of people in the resource. This parameter will be influential in search parameters.
MaxPaxes	Int	1	The maximum number of people in the resource. This parameter will be influential in search parameters.
Rating	Int	1	Resource evaluation between 0 and 5
DefaultImage	String	1	full URL of the main image. This parameter will only be used on GetResources.
Gallery, London	ImageObject	0-n	Array of objects of type ImageObject (see Appendix for class definition): Define the images available for the main photo gallery
Videos	ImageObject	0-n	Array of objects of type ImageObject (see Appendix for class definition): Define the videos associated with the resource (Value URL YouTube field)
ParentRefId	String	1	Reference code of the product of which it is "child" (for example a structure): it will be valued only if the subscription also has support for the structures
EnergyClass	Int	1	Value of the resource's energy class (see Fields Legend for possible values)
EpiValue	Decimal	1	Defines the value of the resource's IPE parameter (the unit of measure is specified in the EpiUnit fields)
EpiUnit, United Kingdom	String	1	The unit of measurement of a resource's IPE parameters. Possible values: KWh/sqm, KWh/mc
AddedOn, Switzerland	Datetime	1	Resource insert date (from API or directly from back office): will only be used on GetResources
Tags	Int	0-n	Array of tag identifiers associated with the resource (for recovery see GetAvailableTags)
Floor	Int	1	Resource plan (descriptive)
IsIndependent	Boolean	1	If valued at true, the resource can be purchased/reserved independently. If valued at false, it can only be purchased as an additional service of another resource
MinQt River	Int	1	Minimum quantity that can be purchased: Used only if the resource is independent. If greater than 0, the resource will be required
MaxQt	Int	1	Minimum quantity that can be purchased: Used only if the resource is independent. if it is equivalent to MinQt

			the resource is included and therefore not viewable among the additional services
IsCatalog	Boolean	1	If valued at true, no pricing, availability, and restrictions will be handled. Only a request for information will be possible
HasBindingProducts	Boolean	1	When valued at true, the resource is associated with other resources from the same merchant.
BindingProducts	String	0-n	Resource reference code array associated with the resource; in the case of a dependent resource, independent resources are specified (as an additional service etc...)
IsRequired	Boolean	1	Valid only for dependent resources. If valued at true, the resource is required or included
TimeLength	Int	1	Resource units per hour (in minutes)
TimeFixedLength	Int	0-1	Fixed length of time units (valid only for resources per hour). if specified overwrites the duration values in the restrictions
AvailabilityType	Int	1	Type of resource availability. Can only be set when you create. Possible values: 0) Day 1) Night 2) Now 3) Time slots
ItemType	Int	1	The type of resource. Possible values: 0) Accommodation 1) Generic service 2) Basic package 3) Rental service 4) Geolocated place service 5) Beach place service 6) Experience
TouristTaxValue	String	1	Value of the tourist tax. If empty, it is not included in the price
VATValue	String	1	The value of the currency tax applied to the price. If empty, it is not included in the price
MaxAdultsOccupancy	Int	0-1	The maximum number of adults for whom the resource can be reserved. For distinction between adult, child, and seniors, see AgeCategories
MaxChildrenOccupancy	Int	0-1	The maximum number of children/seniors for whom the resource can be booked. For distinction between adult, child, and seniors, see AgeCategories

ManageAvailability	Boolean	1	If valued at true, availability must be managed and aligned. If valued at false, you will not need to manage availability (it will always be available)
IsVirtualProduct	Boolean	1	Defines whether the resource is virtual, meaning it will not have its own availability and will have to depend on another (see VirtualParentRefId field)
VirtualParentRefId	String	1	Reference code of the resource to which availability should derive
TimeSlots	ResourceTimeSlot	0-n	ResourceTimeSlot object array (see Class Definition Appendix): Define resource's available time slots (if it supports them)
CheckFullPeriod	Boolean	1	When valued at True, searches check all required availability? If valued at False, availability searches retrieve the first period
HasFixedStay	Boolean	1	If valued at True, the resource is valid for a fixed lifetime
FixedStay	Int	1	If HasFixedStay is valued at True, the duration of the resource
StayType	Int	1	Type of application of the restrictions. Possible values: -1) No conditions (always valid) 0) Minimum stay arrival; considers the rule valid for the day of arrival. 1) Minimum stay through: considers all the rules included in the period of stay, applying the most restrictive values
Stays	ResourceStayObject	0-n	Array of objects of type ResourceStayObject (see Appendix for class definition): Define restrictions applied to the resource
AvailabilityQtType	Int	1	Availability type 0) By resource 1) Per person
LinkedAvailability	Boolean	1	When valued at True, availability is tied to other resources, both during auditing and in change bands (reservations only)
LinkedAvailabilityResources	String	0-n	Resource reference code array with bound availability
Quotations	RatePlan	0-n	RatePlan object array (see Class Definition Appendix): Define pricing and pricing categories applied to the resource

AgeCategories	AgeCategory	0-n	Array of AgeCategory objects (see Appendix for class definition): Define the age groups in the resource
CalculationType	Int	1	Type of resource calculation. Possible values: 0) Resource 1) Person 2) Resource plus person 3) Person (derivative) 4) Resource plus variable person
PayingFullPaxes	Int	1	Defines the number of people who must pay the full fee
IncludedPaxesType	Int	1	Specifies type of the number of people included in the resource price (excluding calculation types "Resource", "Person", and "Resource plus person". Possible values: 0) M a very high employment of the resource 1) Minimum resource occupancy 2) Maximum occupancy of the individual associated tariff category 3) Minimum occupancy of the individual associated tariff category 4) Fixed resource number (IncludedPaxes reference) 5) Fixed tariff category number (IncludedPaxes single quotation reference)
IncludedPaxes	Int	1	If calculation type is equivalent to "Resource plus person", "Person (derived)" or "Resource plus variable person" specifies the number of people included in the resource price.
PriceValueSpan	Int	1	Number of days that the price value is associated with
PriceDayReturn	Int	1	If the price is valid for seven days (one week), specify the day on which the price "begins" counting
PricesPerStay	Bool	1	When set to True, the resource uses different prices depending on the booking duration (no time slot resources). See PricesPerStayConfiguration for configuration
PricesPerPax	Bool	1	When set to True, the resource uses different prices for occupancy/number

			of people. See PricesPerPaxConfiguration for configuration
PricesPerPaxType	Bool	1	When set to True, the resource uses different prices per people type (e.g., 2 adults, 1 adult + 1 child 5-10 years). In this case, you can only use the resource price. See PricesPerPaxTypeConfiguration for configuration
PricesPerTimeSlot	Bool	1	When set to True, the resource uses different prices per time slot (time slot resources only). See PricesPerTimeSlotConfiguration for configuration
PricesPerStayConfiguration	PriceStayRange	0-n	If PricesPerStay is set to True, defines the price ranges per stay. Array of objects of type PriceStayRange (see Appendix for class definition)
PricesForPaxConfiguration	PricePaxRange	0-n	If PricesPerPax is set to True, defines the price ranges per stay. Array of objects of type PricePaxRange (see Appendix for class definition)
PricesForPaxTypeConfiguration	PricePaxTypeRange	0-n	If PricesPerPaxType is set to True, defines the price ranges per stay. Array of objects of type PricePaxTypeRange (see Appendix for class definition)
PricesPerTimeSlotConfiguration	PriceTimeSlotRange	0-n	If PricesPerTimeSlot is set to True, defines the price ranges per stay. Array of objects of type PriceTimeSlotRange (see Appendix for class definition)
AllowEmptyQuotation	Boolean	1	If valued at True, the resource can also be booked at a price of 0
MaxExtrabedQt	Int	1	Maximum amount of extra bed See AgeConfiguration by age
MaxCotsQt	Int	1	Maximum amount of cots See AgeConfiguration by age
ExtrabedAndCotsCheckType	Int	1	If set to 0, only extrabeds or cots can be selected. If set to 1, extrabeds and cots can be booked together
ExperienceLength	Int	1	Duration of the experience (in minutes) Nb. It is just a descriptive value
ExperienceHasLiveGuide	Boolean	1	When valued at True, the experience provides "human" guidance on site
ExperienceHasPaperGuide	Boolean	1	When valued at True, the experience provides on-site paper guidance
ExperienceHasAudioGuide	Boolean	1	When valued at True, the experience provides an audio guide

ExperienceLiveGuideLanguages	String	0-1	If ExperienceHasLiveGuide enhanced to True language list (ISO693-1 code) for on-site "human" driving
ExperiencePaperGuideLanguages	String	0-1	If ExperienceHasLiveGuide enhanced to True language list (ISO693-1 code) for in-place paper guidance
ExperienceAudioGuideLanguages	String	0-1	If ExperienceHasLiveGuide enhanced to True language list (ISO693-1 code) for audio guidance
ExperienceMeetingType	Int	1	Type of meeting for the experience. Possible values 0) In-place only (see ExperienceMeetingPoints) 1) Pick-up service recovery only (see ExperiencePickUpPoints) 2) In-place or recovery by using pick-up service (see ExperienceMeetingPoints and ExperiencePickUpPoints)
ExperienceMeetingWindowType	Int	1	Window and/or time per meeting. Possible values: 0) Fixed 1) Passable depending on the point the meeting
ExperienceMeetingWindowStart	Int	1	If ExperienceMeetingWindowType valued at 0 and resource is for day or night, the start time for the hangout. Value in minutes (e.g., 06:00 => 360)
ExperienceMeetingWindowEnd	Int	1	If ExperienceMeetingWindowType valued at 0 and resource is for day or night, the window start time for the hangout. Value in minutes (e.g., 06:00 => 360)
ExperienceMeetingWindowMinutes Before	Int	1	If ExperienceMeetingWindowType valued at 0 and resource is for hours or time slots, it indicates how many minutes before the start of the experience the hangout window begins (e.g., start at 10 am, 9 o'a.m. meeting, value => 60)
ExperienceMeetingWindowMinutesLength	Int	1	If ExperienceMeetingWindowType valued at 0 and resource is for hours or time slots, indicates the window duration for the hangout (e.g., start at 10 am, 9 a.m. meeting, max 9:45 a.m., value => 45)
ExperiencePickUpWindowType	Int	1	Pick-up window. Possible values: 0) Fixed 1) Passable depending on pick-up point

ExperiencePickUpWindowStart	Int	1	If ExperiencePickUpWindowType valued at 0 and resource is for day or night, the pick-up window start time. Value in minutes (e.g., 06:00 => 360)
ExperiencePickUpWindowEnd	Int	1	If ExperiencePickUpWindowType valued at 0 and resource is for day or night, the pick-up window start time. Value in minutes (e.g., 06:00 => 360)
ExperiencePickUpWindowMinutesBefore	Int	1	If ExperiencePickUpWindowType valued at 0 and resource is for hours or time slots, it indicates how many minutes before the start of the experience the pick-up window begins (e.g., start at 10 am, 9 o'a.m. meeting, value => 60)
ExperiencePickUpWindowMinutesLength	Int	1	If ExperiencePickUpWindowType valued at 0 and resource is for hours or time slots, indicates the duration of the pick-up window (e.g., start at 10 am, 9 a.m. hangout, max time 9:45 a.m., value => 45)
ExperienceDropOffType	Int	1	Action by end of experience. Possible values: <ul style="list-style-type: none"> 0) No drop-off service. 1) Drop-off service, same pick-up point (see ExperiencePickUpPoints) 2) Drop-off service, different points (see ExperienceDropOffPoints)
ExperiencePickUpAllowCustomAddress	Boolean	1	If valued at True, the customer can enter their own address for the pick-up service
ExperienceDropOffAllowCustomAddress	Boolean	1	If valued at True, the customer can enter their own address for the drop-off service
ExperienceRoutePoints	ResourcePOIPointObject	0-n	Array of objects of type ResourcePOIPointObject (see Appendix for class definition): Defines the various points of interest in the experience
ExperienceMeetingPoints	ResourcePOIPointObject	0-n	Array of objects of type ResourcePOIPointObject (see Appendix for class definition): Defines meeting points, if enabled
ExperiencePickUpPoints	ResourcePOIPointObject	0-n	Array of objects of type ResourcePOIPointObject (see Appendix for class definition): Defines pick-up points, if enabled
ExperienceDropOffPoints	ResourcePOIPointObject	0-n	Array of objects of type ResourcePOIPointObject (see

			Appendix for class definition): Defines pick-up points, if enabled
AttachmentEnableTickets	Boolean	1	If valued at True, an attached ticket will be provided at the time of booking
AttachmentPerPeople	Boolean	1	If valued at True, an attached ticket will be provided for each person at the time of booking
AttachmentAdditionalMessage	String	1	Additional message accompanying the ticket
AttachmentCodeType	Int	1	Type of ticket code provided. Possible values: 0) QR code 1) Barcode 2) Code PDF417 3) Data matrix 4) Aztec
AttachmentPickUpType	Int	1	Type of ticket. Possible values 0) Final ticket valid for the experience 1) Temporary ticket and need to be exchanged
AttachmentPickUpPoints	ResourcePOIPointObject	0-n	If AttachmentPickUpType valued at 1, array of objects of type ResourcePOIPointObject (see Appendix for class definition): Defines points for ticket change
CheckOutMainContactDataRequirements	ResourceCheckOutFieldContact	0-1	Subject with fields enabled and/or required at checkout for booking holder (see Appendix for class definition)
CheckOutRequireCrewData method	Boolean	1	If valued at True, data for individual components of the reservation will also be requested during check-out
CheckOutCrewDataRequirements	ResourceCheckOutFieldContact	0-1	Subject with fields enabled and/or required at checkout for individual booking components (see Appendix for class definition)
AdditionalQuestions	ResourceCheckOutAdditionalQuestion Object	0-n	ResourceCheckOutAdditionalQuestion Object Array (see Appendix for Class Definition): Defines additional questions to ask at checkout

Remarks: By number of elements 0-1 for the int and Boolean fields, the element is "nullable" but, if the value is null, it must be specified as follows: <element nil="true"/>

for string fields if the value is null the node may not be specified

CATEGORYOBJECT

Element	Type	NUMBER OF ITEMS	Description
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Id	Int	1	Unique category identifier (to be used for maincategoryid of the resource)
Refid	String	1	Reference identifier
Names	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the name
Descriptions	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the description

GEOGRAPHICZONEOBJECT

Element	Type	NUMBER OF ITEMS	Description
Id	Int	1	Unique zone identifier (to be used for Resource Zones)
Order	Int	1	Order of priority of the zone
Selectable99	Bool	1	if set to yes, the zone can be used or it will be automatically bound by the system
Names	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the name
States, California	GeographicZoneStateAssociationObject	0-n	Array of objects of type GeographicZoneStateAssociationObject (see Appendix for class definition): Defines the states and any region/city filters associated with the zone

GEOGRAPHICZONESTATEASSOCIATIONOBJECT

Element	Type	NUMBER OF ITEMS	Description
Id	Int	1	Status identifier For the correct code, refer to http://www.geonames.org/
GetAllItems	Bool	1	If set to True, the zone covers the entire territory of the state. When set to False, the zone covers a part of the state. See Regions
Cities	Int	0-n	If the state has no regions and GetAllItems is set to True, defines the cities embedded in the zone. For the correct codes, refer to http://www.geonames.org/

Regions	GeographicZoneStateAssociationObject	0-n	Array of objects of type GeographicZoneStateAssociationObject (see Appendix for class definition): Defines the states and any region/city filters associated with the zone
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GEOGRAPHICZONEREGIONASSOCIATIONOBJECT

Element	Type	NUMBER OF ITEMS	Description
Id	Int	1	Status identifier For the correct code, refer to http://www.geonames.org/
GetAllItems	Bool	1	If set to True, the zone covers the entire territory of the region. When set to False, the zone covers a part of the region. See cities
Cities	Int	0-n	If GetAllItems is set to True, defines the cities embedded in the zone. For the correct codes, refer to http://www.geonames.org/

AGECATEGORY

Element	Type	NUMBER OF ITEMS	Description
MinAge	Int	1	Minimum age range (years of age)
Maxage	Int	1	Maximum age range (years not completed)
IsLimitedQt	Int	1	If valued to True, the band is limited for a defined number of people (on existing beds)
MinQt	Int	1	If IsLimitedQt valued at True, minimum number of people (on existing beds)
MaxQt	Int	1	If IsLimitedQt valued at True, maximum number of people (on existing beds)
IsMainCategory	Boolean	1	When valued at true, the band is considered as the main (usually adult)
IncludedInQuotation	Boolean	1	When valued at False, the band is invalid (on existing beds)
BaseValue	String	1	Base value associated with the band, not available for the main ES: 25% => is applied 25% compared to the main price in the same period
Order	Int	1	Order of application
SortDirection	String	1	Order of application for the same band. Possible values: asc => ascending age order desc => age descending order

ForExtraPaxes	Boolean	1	When valued at True, the band in question is used for extra beds
ForCots	Boolean	1	If valued at True, the band in question is used for cradles (only MaxAge will be considered)
MaxExtraQt	Int	1	If ForExtraPaxes is valued at True, the maximum amount of extra beds available for this range
IsLimitedPaxPosition	Boolean	1	When valued at True, the band in question is applied for a defined number of positions/places (invalid for extra beds and cots)
MinPaxPosition	Int	1	If valued at True, the band is valid from the place indicated
MaxPaxPosition	Int	1	If valued at True, the band is valid up to the indicated place

PRICESTAYRANGE

Element	Type	NUMBER OF ITEMS	Description
MinStay	Int	1	Minimum duration associated with the price
MaxStay	Int	1	Maximum duration associated with the price
MainRange	Boolean	1	If valued at True, the band is set as the main
BaseValue	String	1	Base value associated with category, not available for main (100%) ES: 25% => is applied 25% compared to the main price in the same period
LockValue	Boolean	1	When valued at True, values are blocked and inherited from BaseValue

PRICESTAYRANGE

Element	Type	NUMBER OF ITEMS	Description
MinStay	Int	1	Minimum duration associated with the price
MaxStay	Int	1	Maximum duration (excluding) associated with the price
MainRange	Boolean	1	When valued at True, the band is set as the main
BaseValue	String	1	Base value associated with category, not available for main (100%) ES: 25% => is applied 25% compared to the main price in the same period

LockValue	Boolean	1	When valued at True, values are blocked and inherited from BaseValue
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PRICEPAXRANGE

Element	Type	NUMBER OF ITEMS	Description
MinPax	Int	1	Minimum employment associated with price
MaxPax	Int	1	Employment associated with price
MainRange	Boolean	1	When valued at True, the band is set as the main
BaseValue	String	1	Base value associated with category, not available for main (100%) ES: 25% => is applied 25% compared to the main price in the same period
LockValue	Boolean	1	When valued at True, values are blocked and inherited from BaseValue

PRICEPAXTYPERANGE

Element	Type	NUMBER OF ITEMS	Description
Ages	PricePaxTypeSingleRange	1-n	Age/quantity configuration associated with the price
MainRange	Boolean	1	When valued at True, the band is set as the main
BaseValue	String	1	Base value associated with category, not available for main (100%) ES: 25% => is applied 25% compared to the main price in the same period
LockValue	Boolean	1	When valued at True, values are blocked and inherited from BaseValue

PRICEPAXTYPESINGLERANGE

Element	Type	NUMBER OF ITEMS	Description
MinAge	Int	1	Minimum age
Maxage	Int	1	Maximum age (excluding)
Quantity	Int	1	Amount of people

PRICETIMESLOTRANGE

Element	Type	NUMBER OF ITEMS	Description
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TimeSlotStart	Int	1	Start time in minutes associated with price (e.g., 06:00 => 360)
TimeSlotEnd	Int	1	End time in minutes associated with price (e.g., 18:00 => 1080)
MainRange	Boolean	1	When valued at True, the band is set as the main
BaseValue	String	1	Base value associated with category, not available for main (100%) ES: 25% => is applied 25% compared to the main price in the same period
LockValue	Boolean	1	When valued at True, values are blocked and inherited from BaseValue

POLICYOBJECT

Element	Type	NUMBER OF ITEMS	Description
Id	Int	1	Unique category identifier (to be used for resource PolicyId)
Refid	String	1	Reference identifier
IsDefault	Boolean	1	if valued at true the erasing term is set as the default
Name	String	1	Internal name
Descriptions	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the description

RESOURCETIMESLOT

Element	Type	NUMBER OF ITEMS	Description
Refid	String	1	Reference identifier
TimeStart	Int	1	The minute (midnight) value of the start of the time slot. ES: 06:00 => 360
TimeEnd	Int	1	The value in minutes (midnight relative) of the end of the time slot. ES: 18:00 => 1080
WeekDaysEnabled	Int	1	Indicates the day of the week for which the time slot is valid. The field works on flags with the following locations: <ul style="list-style-type: none"> 1) Monday 2) Tuesday 3) Wednesday 4) Thursday

			5) Friday 6) Saturday 7) Sunday
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RESOURCEPOIPOINTOBJECT

Element	Type	NUMBER OF ITEMS	Description
Refid	String	1	Point reference code
Names	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): define translations available for the name (itinerary only)
Descriptions	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): define the translations available for description (itinerary only)
Name	String	1	Name of the point (nor itinerary)
Address	String	1	Defines the location address of the point
StateId	Int	0-1	The point state reference code. For the correct code, refer to http://www.geonames.org/
RegionId	Int	0-1	Reference code of the region/federal state of the point. For the correct code, refer to http://www.geonames.org/
CityId	Int	0-1	The point city reference code. For the correct code, refer to http://www.geonames.org/
XPos	String	1	Point position latitude in decimal values +-90
YPos	String	1	Longitude of point position in decimal values +-180
CityCenterDistance	Int	1	Distance in meters from the center of the point
Zones	Int	0-1	Array of zones (for retrieval see GetGeographicZones)
Order	Int	1	Point priority (itinerary only)
ExperienceRouteDay	Int	1	Day of the point of interest in the experience (itinerary only)
Category	Int	1	Point membership category (ExperiencePickUpPoints, ExperienceDropOffPoints, and AttachmentPickUpPoints only) (see GetPOICategories for retrieval)
ExperienceMeetingWindowStart	Int	1	If ExperienceMeetingWindowType valued at 1 and resource is for day or night, the start time for the

			hangout. Value in minutes (e.g., 06:00 => 360)
ExperienceMeetingWindowEnd	Int	1	If ExperienceMeetingWindowType valued at 1 and resource is for day or night, the window start time for the hangout. Value in minutes (e.g., 06:00 => 360)
ExperienceMeetingWindowMinutesBefore	Int	1	If ExperienceMeetingWindowType valued at 1 and resource is for hours or time slots, it indicates how many minutes before the start of the experience the hangout window begins (e.g., start at 10 am, 9 am. meeting, value => 60)
ExperienceMeetingWindowMinutesLength	Int	1	If ExperienceMeetingWindowType valued at 1 and resource is for hours or time slots, indicates the window duration for the hangout (e.g., start at 10 am, meeting at 9 am, max time 9:45, value => 45)
ExperiencePickUpWindowStart	Int	1	If ExperiencePickUpWindowType valued at 1 and resource is for day or night, the pick-up window start time. Value in minutes (e.g., 06:00 => 360)
ExperiencePickUpWindowEnd	Int	1	If ExperiencePickUpWindowType valued at 1 and resource is for day or night, the pick-up window start time. Value in minutes (e.g., 06:00 => 360)
ExperiencePickUpWindowMinutesBefore	Int	1	If ExperiencePickUpWindowType valued at 1 and resource is for hours or time slots, it indicates how many minutes before the start of the experience the pick-up window begins (e.g., start at 10 am, 9 am. meeting, value => 60)
ExperiencePickUpWindowMinutesLength	Int	1	If ExperiencePickUpWindowType valued at 1 and resource is for hours or time slots, indicates the duration of the pickup window (e.g., start at 10 am, 9 a.m. hangout, 9:45 a.m. time, value => 45)

POICATEGORYOBJECT

Element	Type	NUMBER OF ITEMS	Description
Id			Unique category id

Refid	String	1	Reference code
Names	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): define translations available for the name (itinerary only)

RESOURCECHECKOUTFIELDCONTACT

Element	Type	NUMBER OF ITEMS	Description
FirstName	ResourceCheckOutFieldContact	1	Name settings
LastName	ResourceCheckOutFieldContact	1	Last name settings
Email	ResourceCheckOutFieldContact	1	Email settings
Phone	ResourceCheckOutFieldContact	1	Phone settings
Nationality	ResourceCheckOutFieldContact	1	Nationality settings
FiscalCode	ResourceCheckOutFieldContact	1	Tax code settings
Gender	ResourceCheckOutFieldContact	1	Gender settings
Organization, New Organization	ResourceCheckOutFieldContact	1	Organization/Company Settings
Address	ResourceCheckOutFieldContact	1	Address settings
PassportId	ResourceCheckOutFieldContact	1	Passport settings
PassportExpiration	ResourceCheckOutFieldContact	1	Passport expiration settings
BirthDate	ResourceCheckOutFieldContact	1	Date of birth settings
BirthLocation	ResourceCheckOutFieldContact	1	Place of birth settings
Language	ResourceCheckOutFieldContact	1	Language settings
Document	ResourceCheckOutFieldContact	1	Document settings
DocumentRelease	ResourceCheckOutFieldContact	1	Document release data settings
DocumentExpiration	ResourceCheckOutFieldContact	1	Document expiration settings

RESOURCECHECKOUTFIELDCONFIGURATION

Element	Type	NUMBER OF ITEMS	Description
Enabled	Boolean	1	if valued at true the field is enabled
Required	Boolean	1	if valued at true the field is made mandatory

RESOURCECHECKOUTADDITIONALQUESTIONOBJECT

Element	Type	NUMBER OF ITEMS	Description
QuestionId	String	1	Unique id of additional demand
Name	ResourceCheckOutFieldContact	1	Internal name of the additional question

QuestionNames	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the application
Descriptions	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the description
Order	Int	1	Order of application
Required	Boolean	1	If valued at True, demand is mandatory
FieldType	Int	1	Type of field. Possibility of values: 0) Yes/No 1) Short text 2) Long text 3) Number 4) Date 5) Date and time 6) Single selection (see Options) 7) Multiple selection (see Options)
Defaultvalue	String	1	Default
Scope	Int	0	Define who to ask the question to. Possible values: 0) Nominee 1) Single component
Options	ResourceCheckOutAdditionalQuestionOptionObject	0-n	if FieldType is set to 6 or 7 it defines the possible options

RESOURCECHECKOUTADDITIONALQUESTIONOPTIONOBJECT

Element	Type	NUMBER OF ITEMS	Description
Value	String	1	The value associated with the option
Order	Int	1	Option priority
Names	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the text associated with the option

RATECATEGORYOBJECT

Element	Type	NUMBER OF ITEMS	Description
Id	Int	1	Unique category identifier (to be used for RateCategoryRefId of resource prices)
Refid	String	1	Reference identifier
PolicyRefId	String	1	Reference identifier of the cancellation period associated with the category
Name	String	1	Internal name
IncludedMeals	Int	1	Meals included: The field works on flags with the following positions: 1) Breakfast 2) Lunch 3) Dinner 4) Inclusive

TRANSLATIONOBJECT

Element	ATTRIBUTE/TEXT/ELEMENT	Type	NUMBER OF ITEMS	Description
CultureCode	Attribute	String	1	Language ISO code 639-1
Value	Text	String	1	Value of translation

IMAGEOBJECT

Element	ATTRIBUTE/TEXT/ELEMENT	Type	NUMBER OF ITEMS	Description
Order	Attribute	Int	1	Image priority in ascending order
IsDefault	Attribute	Boolean	1	if valued at true, it will be set as the main image of the resource
Value	Text	String	1	Image HTTP URL (For SetResources, the URL of the image to retrieve must be forwarded)

RESOURCESTAYOBJECT

Element	Type	NUMBER OF ITEMS	Description
StartDate	Datetime	1	The period start date.
EndDate	Datetime	1	The end date of the period. Cases: -If resource per night or hour, the end date is excluded -If a day resource or slot, the end date is included

MinStay	Int	1	Minimum duration (not valid per slot). Cases: -If resource per day, specifies the minimum number of days -If resource per night, specifies the minimum number of nights -If resource per hour, the minimum number of units (depends on the length of the resource period)
MaxStay	Int	1	Maximum duration (not valid per slot). Cases: -If resource per day, specifies the maximum number of days -If resource per night, specifies the minimum number of nights -If resource per hour, the maximum number of units (depends on the length of the resource period)
CheckInDays	Int	1	Indicates the day of the week the booking starts. The field works on flags with the following locations: 1) Monday 2) Tuesday 3) Wednesday 4) Thursday 5) Friday 6) Saturday 7) Sunday
CheckInDays	Int	1	Indicates the day of the week of the end of the booking (not valid for slot resources). The field works on flags with the following locations: 1) Monday 2) Tuesday 3) Wednesday 4) Thursday 5) Friday 6) Saturday 7) Sunday
PreCheckInQuantity	Int	1	Time units ahead of the start of booking: -If resource per day, night or slot, indicate the days in advance -If resource per hour, the number of time units (depends on the length of the resource period)
TimeFixedStart	Int	1	Minimum booking time (valid for resources per hour only) in minutes (midnight) ES: 06:00 => 360

TimeFixedStart	Int	1	Minute (midnight) value of the maximum booking time (valid for resources per hour only) ES: 18:00 => 1080
RatePlanTypes	Int	0-n	Unique identifiers of the tariff categories associated with the restriction (see GetRateCategories for recovery). If nothing is specified, the restriction is valid for all tariff categories
RatePlans	Int	0-n	Unique identifiers of the rates associated with the restriction (see GetResources for recovery). If nothing is specified, the restriction is valid for all

TAGOBJECT

Element	Type	NUMBER OF ITEMS	Description
Id	Int	1	Unique tag identifier (to be used for resource Tags)
Refid	String	1	Reference identifier
HasIcon	Boolean	1	If valued to true, read the Icon field; if valued at false read the ImageUrl field
Icon	String	1	FontAwesome icon reference CSS class http://fontawesome.io/
Image	Int	1	HTTP URL of the image
Names	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the name
Descriptions	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the description
TagType	Int	1	The type of objects for which the tag is valid. The field works on flags with the following locations: <ul style="list-style-type: none"> 0) Merchant 1) Sales 2) Resources 3) Resource groups
TagValueType	Int	0	Type of value. Possible values: <ul style="list-style-type: none"> 0) Simple selection 1) Value between Excluded (-1), Included (0), Free (1), Paid (2) 2) Number

			3) Text
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RATEPLAN

Element	Type	NUMBER OF ITEMS	Description
Id	Int	1	Unique rate identifier
IncludedPaxes	Int	1	Number of people included (check resource settings)
RateCategoryRefId	String	1	Reference identifier of the tariff category (for recovery see GetRateCategories).

GROUPINGRESOURCEOBJECT

The basic structure for retrieving, inserting, updating resource group data. Next, the definition of the class.

Element	Type	NUMBER OF ITEMS	Description
Refid	String	1	this parameter will be used to retrieve/update/delete resources and must be unique to the same merchant
Weight	Int	1	Resource priority (used in sorting resources in lists) in ascending order
Enabled	Boolean	1	if valued at true the resource will be visible in the public area
MainCategoryId	Int	0-1	Resource membership category (see GetResourceProductCategories for recovery)
Names	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the name
Descriptions	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the description
Address	String	1	Defines the location address of the resource
StateId	Int	0-1	The resource state reference code. For the correct code, refer to http://www.geonames.org/
RegionId	Int	0-1	Resource region/federal status reference code. For the correct code, refer to http://www.geonames.org/
CityId	Int	0-1	The resource's city reference code. For the correct code, refer to http://www.geonames.org/

XPos	String	1	Latitude of resource position in decimal values +-90
YPos	String	1	Longitude of resource position in decimal values +-180
Rating	Int	1	Resource evaluation between 0 and 5
DefaultImage	String	1	full URL of the main image. This parameter will only be used on GetGroupingResources.
Gallery, London	ImageObject	0-n	Array of objects of type ImageObject (see Appendix for class definition): Define the images available for the main photo gallery
Videos	ImageObject	0-n	Array of objects of type ImageObject (see Appendix for class definition): Define the videos associated with the resource (Value URL YouTube field)
AddedOn, Switzerland	Datetime	1	Resource insert date (from API or directly from back office): will only be used on GetGroupingResources
Tags	Int	0-n	Array of tag identifiers associated with the group (for recovery see GetAvailableTags)

VARIATIONPLAN

Element	Type	NUMBER OF ITEMS	Description
Refid	String	1	this parameter will be used to retrieve/update/delete quotes and must be unique to the same merchant
Weight	Int	1	Resource priority (used in sorting resources in lists) in ascending order
Enabled	Boolean	1	if valued at true the resource will be visible in the public area
Names	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the name
Descriptions	TranslationObject	0-n	Array of objects of type TranslationObject (see Appendix for class definition): Define the translations available for the description
PriceTemplates	String	1	Gets or sets the type of prices that will have to be discounted. The sum of the values will be delimited by the comma. Possible values: 1=> Room Price 2=> Person Price
DefaultImage	String	1	The full URL of the main image. This parameter will only be used on GetVariationPlans.
Images	ImageObject	0-n	Array of objects of type ImageObject (see Appendix for class definition): Define the images available for the main photo gallery
LastVariationProcess	Boolean	1	If this parameter is set to True, the following change will be the last to be counted and the next change will

			not be calculated even if valid. For a successful implementation, use the parameter in conjunction with Weight.
VariationPlanType	String	1	Gets or sets a value that indicates the type of variation. Possible values: 0 => overnight discount/day/unit (default currency) 1 => supplement per night/day/unit (default currency) 2 => discount per night/day/unit (%) 3 => supplement per night/day/unit (%) 4 => discount per night/day/unit (time unit) 5 => fixed discount (default currency) 6 => fixed supplement (default currency)
VariationDetails	VariationDetailGroup	0-n	Gets or sets variation rules.

VARIATIONDETAILGROUP

Defines the value of the variation and its rules of application. At least one rule group must be valid for the variation to be valid. Within the rule group, for type 0.11 the "sum" of them (OR control) will be made first, then ALL the rules set (AND control) must be valid.

Element	ATTRIBUTE/TEXT/ELEMENT	Type	Number Elements	Description
Groupname	Attribute	String	1	Gets or sets a value that indicates a reference string for the group Specified. This value must be unique within the variation
Rules		VariationDetailGroupRule	0-n	Gets or sets a rule group for which the offer must be valid. NB: Bulk and differential options are not available for this section

VARIATIONDETAILGROUPRULE

Defines a single application rule for a price list variation. Depending on the type of rule (Type field), some fields must be specified. Some rules (type 0.11) can be specified multiple times in the same group. See the field description for possible combinations in a rule.

Element	ATTRIBUTE/TEXT/ELEMENT	Type	Number Elements	TYPE OF RULE FROM Use	Description
Type	Attribute	Int	1		Gets or sets the rule type. Possible values: 0=>stay period 1=>Stay Duration 2=>check-in day 3=>days in advance of booking (compared to check-in date)

					<p>4=>person position from which the variation has effect</p> <p>5=>Total number of people</p> <p>6=>type of treatment</p> <p>7=>start day from which the change has effect</p> <p>10=>resource</p> <p>11=>day of booking creation</p> <p>13=>Contact Groups</p> <p>15=>Required age groups</p> <p>17=>age groups from discount (if the variation allows it)</p> <p>NB: This field is defined as an attribute of the root node</p>
StartDate	Element	Datetime	1	0	Gets or sets the start date of the control for the period of stay
EndDate	Element	Datetime	1	0	Gets or sets the end date of the control for the stay period.
MinStay	Element	Int	1	1	Gets or sets the minimum days for the duration of the stay.
MaxStay	Element	Int	1	1	Gets or sets the maximum days for the duration of the stay.
DurationType	Element	Int	1	1	<p>Gets or sets the type of length of stay control. Possible values:</p> <p>0=> Duration between ... And...</p> <p>1=> Duration greater than or equal to... (to be enhanced only MinStay)</p> <p>2=> Duration less than or equal to... (to be enhanced only MaxStay)</p>
CheckInDays	Element	Int	1	2	<p>Gets or sets a value that identifies the days of the week for which the offer is valid. The field is a seven-value bitmask whose positions are the corresponding:</p> <p>0=> Sunday</p> <p>1=> Monday</p> <p>2=> Tuesday</p> <p>3=> Wednesday</p> <p>4=> Thursday</p> <p>5=> Friday</p> <p>6=> Saturday.</p>

					The value obtained and to be sent will be decimal. Example: If check-in is to be on a Saturday or Sunday, flags 0 and 6 will be active, so the value will be 1000001, final value 65
ExcludeCheckDays	Element	Boolean	1	2	Gets or sets a value that identifies whether the specified check-in days are valid or to be excluded. False=> Saturday Check-in Day True=> Check-in Day is not Saturday
PrevDaysMin	Element	Int	1	3	Gets or sets the minimum number of days in advance of the reservation compared to the beginning of the stay.
PrevDaysMax	Element	Int	1	3	Gets or sets the maximum number of days in advance of the reservation compared to the beginning of the stay.
PrevDaysType	Element	Int	1	3	Gets or sets the type of length of stay control. Possible values: 0=> Advance days between ... And... 1=> Days in advance greater than or equal to... (to be enhanced only PrevDaysMin) 2=> Days in advance less than or equal to... (to be enhanced only PrevDaysMax)
PaxStart	Element	Int	1	4	Gets or sets a value that identifies the location of the person from whom to make the change (to be used only if the variation does not exclude persons)
FirstExtradedOnly	Element	Boolean	1	4	Gets or sets a value that identifies whether the first person to whom the discount was applied will be the only one. Possible values: False=> Valid variation from the third person True=> Variation valid only for the third person
MinPax	Element	Int	1	5	Gets or sets the minimum number of people required in

					the quote in order to apply the variation
MaxPax	Element	Int	1	5	Gets or sets the maximum number of people required in the quote to apply the change
PaxNumberType	Element	Int	1	5	Gets or sets the type of control of the requested total people. Possible values: 0=> Number of people between ... And... 1=> Number of people greater than or equal to... (to be enhanced only MinPax) 2=> Number of people less than or equal to... (to be enhanced only MaxPax)
RatePlanTypes	Element	String	0-n	6	Gets or sets a set of references that identify the fare categories for which the variation is valid
ExcludeRatePlans	Element	Int	1	6	Gets or sets a value that identifies whether the specified tariff categories are valid or to be excluded
DayStart	Element	Int	1	7	Gets or sets a value that identifies the precise day/night/slot when the variation begins to take effect. If not specified, it will start from day one.
Resources	Element	String	0-n	10	Gets or sets a collection of references that identify the resources for which the variation is valid.
ExcludeResources	Element	Boolean	1	10	Gets or sets a value that identifies whether the specified resources are valid or to be excluded.
RequestStartDate	Element	Datetime	1	11	Gets or sets the start date of the control by reservation request date
RequestEndDate	Element	Datetime	1	11	Gets or sets the end date of the control by booking request date
RequestDateCheckType	Element	Int	1	11	Gets or sets the type of date control required for reservation. Possible values: 0=> Dates between ... and ... 1=>Dates greater than... (to be enhanced only RequestStartDate)

					2=>Dates less than... (to be enhanced only RequestEndDate)
ContactGroups	Element	Int	1	13	Gets or sets a collection of contact groups for which the variation is valid. if you also want to specify under recorded users set the value 0
ExcludeContactGroups	Element	Boolean	1	13	Gets or sets a value that identifies whether the specified contact groups are valid or to be excluded
RequiredAgeRanges	Element	AgeRangeRule	0-n	15	Gets or sets a set of sub-rules that specify the minimum number of people (intended as age groups) for whom the variation is valid.
AgeRanges	Element	AgeRange	0-n	16	Gets or sets a set of age groups for which the variation is valid.
ExcludeAgeRanges	Element	Boolean	1	16	Gets or sets a value that identifies whether the specified age groups are valid or to be excluded

AGERANGE

Element	ATTRIBUTE/TEXT/ELEMENT	Type	Number Elements	Description
MinAge	Attribute	Int	1	Gets or sets the minimum age.
Maxage	Attribute	Int	1	Gets or sets the maximum age

AGERANGERULE

Element	ATTRIBUTE/TEXT/ELEMENT	Type	Number Elements	Description
MinAge	Attribute	Int	1	Gets or sets the minimum age.
Maxage	Attribute	Int	1	Gets or sets the maximum age
Qt	Attribute	Int	1	Gets or sets the amount of people associated with the specified age range.

MERCHANTCONFIGURATION

An object that defines the basic configuration of the merchant's data, including available processing, age groups, contact groups and payment methods.

Element	ATTRIBUTE/TEXT/ELEMENT	Type	Number Elements	Description
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DefaultCalculationType	Attribute	Int	1	Indicates the type of default calculation used by the merchant. Possible values: 0=>Room Price 1=>Price per person 2=>room price + price for person.
ContactGroups		ContactGroup	0-n	Gets a list of available contact groups.
AgeCategories		AgeCategory	0-n	Gets a list of age groups entered by the merchant in the base configuration. If present, the age range valid as full will also be specified within them.

CONTACTGROUP

An object that defines a contact group useful for bidding on certain types of customers

Element	ATTRIBUTE/TEXT/ELEMENT	Type	Number Elements	Description
Refid	Attribute	String	1	Gets the payment method reference. To be used for mapping where required.
Name	Text	String	1	Gets the name of the payment method.
RequireGuaranteedCreditCard	Attribute	Boolean	1	If specified at True, the payment method requires a credit card as collateral.
IsDefault	Attribute	Boolean	1	If specified at True, the payment method has been selected as default, so if there is no active method in an erasing term, it will be automatically selected.
DeferredPayment	Attribute	Boolean	1	If specified to True, the payment method allows a non-immediate payment of the reservation and in a second step (after confirmation by the merchant). If specified in False, the reservation is valid only if the deposit was paid immediately
IsGateway	Attribute	Boolean	1	If specified to True, the payment method will redirect to the associated bank/PayPal account

AGECATEGORY

An object that defines an age group.

Element	ATTRIBUTE/TEXT/ELEMENT	Type	Number Elements	Description
IsMainCategory	Attribute	Boolean	1	If specified at True, the current age range has been selected as the integer.
MinAge	Attribute	Int	1	Gets the minimum age for which the range is valid.
Maxage	Attribute	Int	1	Gets the maximum age for which the range is valid.

BaseValue	Attribute	String	1	Gets the base value placed in the age group. This field is not used in integers.
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RESERVATION

Element	Type	NUMBER OF ITEMS	Description
Id	Int	1	Unique booking code
Refid	String	1	Booking reference code, useful in entering/updating
Origin, New Jersey	Int	1	The source from which the reservation was created. Possible values: 0: from public website 1: from the back office 2: from management/channel manager (normally from a member of this service)
CreationDate	Datetime	1	Date the reservation was created
ConfirmDate	Datetime	1	The date and time the booking was accepted.
RefuseDate	Datetime	1	Date and time the reservation was declined
TotalAmount	Decimal	1	Total booking value (including any discounts)
DepositAmount	Decimal	1	Value of the deposit combined with the booking
Quotations	Quotation	1-n	Quotation object collection: Defines the resources associated with the reservation
Customer	CustomerDetails	1	The applicant's data. In the inclusion of new pre-notification actions must be specified at least. the e-mail address, language, first and last name of the Contact
OperationType	Int	1	Type of write operation. Possible values: -1: booking refusal. 0: Create new booking. 1: Booking Data Update 2: Change of booking status to paid 3: Read notification without editing data
CreditCardData	CreditCardData	1	Credit card details as collateral (if you were expected to create it)

CUSTOMERDETAILS

Element	Type	NUMBER OF ITEMS	Description
Firstname	String	1	Contact name
Lastname	String	1	Contact's last name
Email	String	1	Contact's email address
Language	String	1	Contact language ISO code 639-1
Phone	String	1	Contact's phone number
Address	String	1	Contact's address
Stateld	Int	1	The contact status reference code. For the correct code, refer to http://www.geonames.org/
RegionId	Int	1	The contact region reference code. For the correct code, refer to http://www.geonames.org/

CityId	Int	1	The contact city reference code. For the correct code, refer to http://www.geonames.org/
StateName	String	1	Status name
RegionName	String	1	Name of region
CityName	String	1	Name of the city

QUOTATION

Element	ATTRIBUTE/TEXT/ELEMENT	Type	NUMBER OF ITEMS	Description
ItemId	Element	Int	1	Unique budget code
RefId	Element	String	1	Quote reference code, useful in inserting/updating
StartDate	Element	Datetime	1	Booking start date
EndDate	Element	Datetime	1	End date of booking
TotalAmount	Element	Decimal	1	Total quote value (including any discounts)
TotalDiscounted	Element	Decimal	1	Total quote value (excluding any discounts)
ResourceRefId	Element	String	1	The reference code of the associated resource. If possible, enhance this. write field with an existing resource
ResourceName	Element	String	1	Resource name
BoardRefId	Element	String	1	Treatment reference code Associated with. If possible, enhance this. field in writing with a treatment existing and correctly associated with the Resource
BoardName	Element	String	1	Name of treatment
ResourceAmount	Element	Decimal	1	Total budget value (excluding services)
TimeSlotRefId	Element	String	1	Associated time slot reference code (if slot resource)
TimeSlotStart	Element	Int	1	The minute (midnight) value of the start of the time slot. ES: 06:00 => 360
TimeSlotEnd	Element	Int	1	The value in minutes (midnight relative) of the end of the time slot. ES: 18:00 => 1080
Paxes		QuotationElement	0-n	People included in the quote. By Value in the single element we mean the age of the person and with Qt the quantity. If you have been calculated a value of the person, include it in TotalAmount (for single quantity)
Services		QuotationElement	0-n	Additional resource services included in the budget. Con Qt the quantity and with TotalAmount the total value (per single

				quantity)
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QUOTATIONELEMENT

Element	ATTRIBUTE/TEXT/ELEMENT	Type	NUMBER OF ITEMS
Value	Attribute	Int	1
Qt	Attribute	Int	1
TotalAmount	Attribute	Decimal	1
Name	Text	String	1

RESERVATIONPAYMENT

Element	Type	NUMBER OF ITEMS	Description
Refid	String	1	Internal payment reference code
ReservationId	Int	1	Unique booking identifier on BookingFor
ReservationRefId	String	1	Reservation internal reference code: Equivalent to Refid on Reservation
BankId	String	1	External code, useful if you need to historicize, for example, the payment transaction ID
Causal	String	1	Reason for payment
PaymentDate	Datetime	1	Date of payment
Value	Decimal	1	Value of payment
PaymentType	Int	1	Type of payment made. Possible values: 0: Credit card 1: bank 2: Other 3: Direct payment to the bank

RESERVATIONREGISTRY

Element	Type	NUMBER OF ITEMS	Description
IsBaseRegistry	Boolean	1	If valued at true, this registry has been registered as the main
Refid	String	1	Internal reference code of the registry
ReservationRefId	String	1	Internal reference code of the registry: equivalent to Refid on Reservation
ReservationId	Int	1	Unique registry identifier on BookingFor
Firstname	String	1	Name of the registry
Lastname	String	1	Last name of the registry
Email	String	1	Personal email address
BirthDate	Datetime	1	Date of birth of the registry
BirthLocation	String	1	Place of birth of the registry
Culture	String	1	The language of the registry. Must be an ISO 639-1 code
Address	String	1	Location address of the registry

StateId	Int	1	The reference code for the status of the registry. For the correct code, refer to http://www.geonames.org/
RegionId	Int	1	Reference code for the base data region. For the correct code, refer to http://www.geonames.org/
CityId	Int	1	Reference code for the base data city. For the correct code, refer to http://www.geonames.org/
StateName	String	1	Status name
RegionName	String	1	Name of region
CityName	String	1	Name of the city
Address	String	1	Address of the registry
Phone	String	1	Phone number
VATCode	String	1	Personal tax code
Documenttype	Int	1	Type of personal data document. Possible values: 0: IDENTITY CARD 1: Passport
DocumentNumber	String	1	Document number/code associated with the base data
DocumentReleaseDate	Datetime	1	Date of issue of the document
DocumentDate	Datetime	1	Document expiration date
Gender	Int	1	The gender of the registry. Possible values: 0: man 1: Woman
Plate	String	1	License plate/reference code number (from use only for the main registry)

CREDITCARDATA

Element	ATTRIBUTE/TEXT/ELEMENT	Type	NUMBER OF ITEMS	Description
CardCode	Attribute	String	1	The type of credit card. Supported values: AX: American Express MC: MasterCard DC: Diners Club DS: Discovery JB: JCB VI: VISA
ExpireDate	Attribute	String	1	Credit card expiration date
CardHolderName	Attribute	String	1	Credit card holder
CardCode	Text	String	1	Credit card number/code

Examples called.

GetResources

Request

```
<?xml version="1.0" standalone="no"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body xmlns:ns1="http://Ipertrade.Booking.WebServices"
xmlns:ns2="http://Ipertrade.Booking.WebServices/entities">
    <ns1:GetResources>
      <ns1:Message>
        <ns2:Authentication Login="yourlogin" MerchantId="1000" Password="
yourpassword"></ns2:Authentication>
        <ns2:Request GetOnlySelected="false"></ns2:Request>
      </ns1:Message>
    </ns1:GetResources>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Answer

```
<?xml version="1.0"?>
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <GetResourcesResponse xmlns="http://Ipertrade.Booking.WebServices">
      <GetResourcesResult Success="true">
        <Result xmlns="http://Ipertrade.Booking.WebServices/entities">
          <ProductId>28297</ProductId>
          <RefId>code1</RefId>
          <Weight>0</Weight>
          <Enabled>true</Enabled>
          <MainCategoryId>841</MainCategoryId>
          <Names>
            <TranslationObject CultureCode="en">Suite</TranslationObject>
          </Names>
        </Result>
      </GetResourcesResult>
    </GetResourcesResponse>
  </s:Body>
</s:Envelope>
```

DeleteResources

Request

```
<?xml version="1.0" standalone="no"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body xmlns:ns1="http://Ipertrade.Booking.WebServices"
xmlns:ns2="http://Ipertrade.Booking.WebServices/entities">
    <ns1>DeleteResources>
      <ns1:Message>
        <ns2:Authentication Login="testcm6" MerchantId="1708" Password="testcm6"></ns2:Authentication>
        <ns2:Request>
          <ns2:Reflds>
            <ns2:Id>code1</ns2:Id>
          </ns2:Request>
        </ns1:Message>
      </ns1>DeleteResources>
    </SOAP-ENV:Body>
  </SOAP-ENV:Envelope>
```

```

    <ns2:Id>code2</ns2:Id>
  </ns2:RefsIds>
</ns2:Request>
</ns1:Message>
</ns1>DeleteResources>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

Answer

```

<?xml version="1.0"?>
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <DeleteResourcesResponse xmlns="http://Ipertrade.Booking.WebServices">
      <DeleteResourcesResult Success="true">
        <Result xmlns="http://Ipertrade.Booking.WebServices/entities">2</Result>
      </DeleteResourcesResult>
    </DeleteResourcesResponse>
  </s:Body>
</s:Envelope>

```

SetResources

Request

```

<?xml version="1.0"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:ns1="http://Ipertrade.Booking.WebServices"
xmlns:ns2="http://Ipertrade.Booking.WebServices/entities">
    <ns1:SetResources>
      <ns1:Message>
        <ns2:Authentication Login="testcm6" MerchantId="1708" Password="testcm6"/>
        <ns2:Request xmlns="http://Ipertrade.Booking.WebServices/entities">
          <ns2:Items>
            <ns2:ResourceObject>
              <ProductId>28297</ProductId>
              <RefId>code3</RefId>
              <Weight>0</Weight>
              <Enabled>true</Enabled>
              <MainCategoryId>841</MainCategoryId>
              <Names>
                <TranslationObject CultureCode="en">Suite</TranslationObject>
                <TranslationObject CultureCode="en">Suite</TranslationObject>
              </Names>
              <Descriptions>
                <TranslationObject CultureCode="en">Lorem ipsum dolor sit amet, consectetur adipiscing elit.
                Quisque vel ligula dictum, aliquam ipsum viverra, dapibus eros. Sed in viverra lacus. Nullam in nulla enim.
                Proin semper quam pharetra nibh egestas, a finibus odio hendrerit. Vestibulum dictum elementum arcu, nec
                imperdiet turpis venenatis a. Curabitur accumsan sit amet lectus sit amet ultrices. Mauris cursus justo eget
                nulla ornare, eu mollis magna faucibus. Ut mattis ultricies imperdiet.</TranslationObject>
                <TranslationObject CultureCode="en">Lorem ipsum dolor sit amet, consectetur adipiscing elit.
                Quisque vel ligula dictum, aliquam ipsum viverra, dapibus eros. Sed in viverra lacus. Nullam in nulla enim.

```


Proin semper quam pharetra nibh egestas, a finibus odio hendrerit. Vestibulum dictum elementum arcu, nec imperdiet turpis venenatis a. Curabitur accumsan sit amet lectus sit amet ultrices. Mauris cursus justo eget nulla ornare, eu mollis magna faucibus. Ut mattis ultricies imperdiet.</TranslationObject>

```
</Descriptions>
<Xsi Area:nil="true"/>
<StatId xsi:nil="true"/>
<IsCatalog>true</IsCatalog>
<RegionId xsi:nil="true"/>
<CityId xsi:nil="true"/>
<MinPaxes>2</MinPaxes>
<MaxPaxes>4</MaxPaxes>
<Rating>0</Rating>
<Gallery>
  <ImageObject IsDefault="true"
Order="0">http://cdnbookingfor.blob.core.windows.net/bf191/bookingfor/images/products/unita/778d32b6077
3406b9e528f50a1fb1e05.jpg</ImageObject>
  <ImageObject IsDefault="false"
Order="1">http://cdnbookingfor.blob.core.windows.net/bf191/bookingfor/images/products/unita/00cecf438c9
441aa93b64da28e91f13f.jpg</ImageObject>
</Gallery>
<Planimetry/>
<Videos/>
<IsAddressVisible>false</IsAddressVisible>
<IsMapVisible>false</IsMapVisible>
<IsMapMarkerVisible>false</IsMapMarkerVisible>
<IsVirtualProduct>false</IsVirtualProduct>
<EnergyClass>0</EnergyClass>
<EpiValue>0</EpiValue>
</ns2:ResourceObject>
</ns2:Items>
</ns2:Request>
</ns1:Message>
</ns1:SetResources>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Answer

```
<?xml version="1.0"?>
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <DeleteResourcesResponse xmlns="http://Ipertrade.Booking.WebServices">
      <DeleteResourcesResult Success="true">
        <Result xmlns="http://Ipertrade.Booking.WebServices/entities">1</Result>
      </DeleteResourcesResult>
    </DeleteResourcesResponse>
  </s:Body>
</s:Envelope>
```

Limitation of service usage

In order to ensure the correctness of the required changes and avoid flooding attempts, the service has multiple-level limitations. The limits are applied per merchant and not per single point of request (e.g. ip address). The levels (sorted by priority) are as follows:

- 1) Total call limit;
- 2) Total limit by type of message
- 3) The total limit of read/write items by message type.

	Day 1	1 hour	10 minutes	1 minute
Read resources	300 calls	60 calls	25 calls	5 calls
Deleting resources	150 calls	50 calls	25 calls	5 calls
Partial resource insertion/upgrade	130 15000 resources	40 calls 4000 resources	25 1500 resources	5 300 resources
Bulk resource entry	5 calls	1 call	X	X
Reading groups	300 calls	60 calls	25 calls	5 calls
Delete Groups	150 calls	50 calls	25 calls	5 calls
Partial group insertion/update	130 15000 resources	40 calls 4000 resources	25 1500 resources	5 300 resources
Bulk group insertion	5 calls	1 call	X	X
Reading offers	300 calls	60 calls	25 calls	5 calls
Deleting quotes	150 calls	50 calls	25 calls	5 calls
Partial insert/update offers	130 15000 resources	40 calls 4000 resources	25 1500 resources	5 300 resources
Insert bulk offers	5 calls	1 call	X	X
Reading reservations	300 calls	60 calls	25 calls	5 calls
Partial booking entry/update	300 calls	60 calls	25 calls	5 calls
Reading reservations payments	300 calls	60 calls	25 calls	5 calls
Reading reservations	300 calls	60 calls	25 calls	5 calls
Entering/updating reservations	300 calls	60 calls	25 calls	5 calls
Total Service Calls	4100	850	320	100

Exceeding these limits will result in a temporary blocking of access to merchant resources for 30 minutes.

These limits can only be disabled when an initial mapping of rooms and price lists must be carried out and consequently more data traffic will have to be enabled. When the final step of the list operator, the limits will be reset.

In exceptional cases, these limits may be modifiable and only at the request of the operator and subsequent evaluation.

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