Car Service XML Interface Specification
developer's guide

v1.0.1
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Hotelbeds Accommodation & Destination Services
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I. Document Control

Version	Issue	Description	Operations
1.0.1	02/06/10	CancelProtection section removed	3
1.0.0	14/04/08	New documentation file	3

II. Operations

II.1 CarCountryList

Get a list of available countries for car services containing their destinations and zones.

<table>
<tr><td colspan="3" align="center">CarCountryList</td></tr>
<tr><td></td><td align="center">Request</td><td align="center">Response</td></tr>
<tr><td align="right">Details:</td><td>xsddocs/CarCountryListRQ.html</td><td>xsddocs/CarCountryListRS.html</td></tr>
<tr><td align="right">Schema:</td><td>xml/CarCountryListRQ.xsd</td><td>xml/CarCountryListRS.xsd</td></tr>
<tr><td align="right">Example:</td><td>xml/CarCountryListRQ.xml</td><td>xml/CarCountryListRS.xml</td></tr>
</table>

II.1.1 REQUEST BUSINESS RULES

Element/attribute	Rule
Language	Mandatory
Destination/@type	Must have the SIMPLE value

II.1.2 REQUEST OBSERVATIONS

CarCountryListRQ/Destination element is used to filter the response by destination.
CarCountryListRQ/CountryCode element is used to filter the response by country code.

If none of CarCountryListRQ/Destination or CarCountryListRQ/CountryCode elements are provided, all countries for car services are returned in the response.

If CarCountryListRQ/CountryCode is provided, only this country with all its destinations will be returned.
If CarCountryListRQ/Destination is provided, all zones for this destination are returned.

II.1.3 REQUEST ACCEPTANCE TEST

The following elements and attributes are useless:
- CarCountryListRQ/ExtraParamList
- CarCountryListRQ/Destination/Name
- CarCountryListRQ/Destination/ZoneList

II.1.4 RESPONSE BUSINESS RULES

If CarCountryListRS/Country element is present the following elements and attributes must be always present:
- CarCountryListRS/Country/Name

If CarCountryListRS/Country/DestinationList element is present the following elements and attributes must be always present:
- CarCountryListRS/Country/DestinationList/Destination/Name

If CarCountryListRS/Country/DestinationList/Destination/ZoneList element is present the following elements and attributes must be always present:
- CarCountryListRS/Country/DestinationList/Destination/ZoneList/Zone

II.1.5 RESPONSE OBSERVATIONS

If one or more `CarCountryListRS/Country` elements are present
`CarCountryListRS/@totalItems` attribute contains the total number of countries returned in
the response.

If no `CarCountryListRS/Country` element is present and `CarCountryListRS/@totalItems`
attribute is 0, no countries were found that match the search criteria.

II.2 CarInfoSet

Get the car offices, car groups and car special equipment available at a specific destination.

CarInfoSet		
	Request	**Response**
Details:	xsddocs/CarInfoSetRQ.html	xsddocs/CarInfoSetRS.html
Schema:	xml/CarInfoSetRQ.xsd	xml/CarInfoSetRS.xsd
Example:	xml/CarInfoSetRQ.xml	xml/CarInfoSetRS.xml

II.2.1 REQUEST BUSINESS RULES

Element/attribute	Rule
Language	Mandatory
Destination/ZoneList/Zone	At least an element

II.2.2 REQUEST OBSERVATIONS

If more than one `CarInfoSetRQ/Destination/ZoneList/Zone` element is provided, only the
first one will be taken as request parameter, the other elements in the list will be ignored.

II.2.3 REQUEST ACCEPTANCE TEST

The following elements and attributes are useless:
- `CarInfoSetRQ/ExtraParamList`
- `CarInfoSetRQ/Destination/Name`
- `CarInfoSetRQ/Destination/ZoneList/Content`

Furthemore:
- Only first `CarInfoSetRQ/Destination/ZoneList/Zone` is taken in consideration.

II.2.4 RESPONSE BUSINESS RULES

If `CarInfoSetRS/CarOfficeList` element is present the following elements and attributes
must be always present:
- `CarInfoSetRS/CarOfficeList/Code`
- `CarInfoSetRS/CarOfficeList/Name`
- `CarInfoSetRS/CarOfficeList/Destination/Name`
- `CarInfoSetRS/CarOfficeList/Destination/ZoneList/Zone`

II.2.5 RESPONSE OBSERVATIONS

If no `CarInfoSetRS/ErrorList` or `CarInfoSetRS/CarOfficeList` or
`CarInfoSetRS/CarGroupList` elements are present no car info is available for the provided
destination.

II.3 CarValuedAvail

Get a list of available car services according to the requested parameters. The returned prices are final prices.

CarValuedAvail

	Request	Response
Details:	xsddocs/CarValuedAvailRQ.html	xsddocs/CarValuedAvailRS.html
Schema:	xml/CarValuedAvailRQ.xsd	xml/CarValuedAvailRS.xsd
Example:	xml/CarValuedAvailRQ.xml	xml/CarValuedAvailRS.xml

II.3.1 REQUEST BUSINESS RULES

Element/attribute	Rule
Language	Mandatory
RentalDate/@date	At least today
RentalDate/@time	Mandatory
RentalDate/@date	Earlier than ReturnDate/@date
ReturnDate/@time	Mandatory
RentalDestination/ZoneList/Zone	Mandatory
ReturnDestination/ZoneList/Zone	Mandatory
CarCategory	Mandatory

II.3.2 REQUEST OBSERVATIONS

If more than one CarValuedAvailRQ/RentalDestination/ZoneList/Zone or CarValuedAvailRQ/ReturnDestination/ZoneList/Zone element is provided, only the first one will be taken as request parameter, the other elements in the list will be ignored.

To get a list of available rental and return destinations use CarCountryList operation (see CarCountryList).

To get a list of available car categories or special equipment use CarInfoSet operation (see CarInfoSet).

II.3.3 REQUEST ACCEPTANCE TEST

The following elements and attributes are useless:
- CarValuedAvailRQ/ExtraParamList
- CarValuedAvailRQ/Contract
- CarValuedAvailRQ/RentalDestination/Name
- CarValuedAvailRQ/RentalDestination/ZoneList/Zone content
- CarValuedAvailRQ/ReturnDestination/ZoneList/Zone content
- CarValuedAvailRQ/SpecialEquipmentList/ServiceCarSpecialEquip/Name
- CarValuedAvailRQ/SpecialEquipmentList/ServiceCarSpecialEquip/Description

Furthemore:
- Only first CarValuedAvailRQ/RentalDestination/ZoneList/Zone is taken in consideration.
- Only first CarValuedAvailRQ/ReturnDestination/ZoneList/Zone is taken in consideration.

II.3.4 RESPONSE BUSINESS RULES

One of `CarValuedAvailRS/Servicecar` or `CarValuedAvailRS/ErrorList` element must be present in the response unless the `@totalItems` attribute is `0`.

If `CarValuedAvailRS/ServiceCar` element is present the following elements and attributes must be always present:
- `CarValuedAvailRS/ServiceCar/@availToken`
- `CarValuedAvailRS/ServiceCar/ContractList`
- `CarValuedAvailRS/ServiceCar/DateFrom/@time`
- `CarValuedAvailRS/ServiceCar/DateTo/@time`
- `CarValuedAvailRS/ServiceCar/Currency`
- `CarValuedAvailRS/ServiceCar/TotalAmount`
- `CarValuedAvailRS/ServiceCar/CarGroup`
- `CarValuedAvailRS/ServiceCar/RentalOffice/Code`
- `CarValuedAvailRS/ServiceCar/ReturnOffice/Code`
- `CarValuedAvailRS/ServiceCar/CarInfo/Code`
- `CarValuedAvailRS/ServiceCar/CarInfo/Name`
- `CarValuedAvailRS/ServiceCar/CarInfo/Vendor`

II.3.5 RESPONSE OBSERVATIONS

If one or more `CarValuedAvailRS/ServiceCar` elements are present:
- `/@totalItems` attribute contains the total number of car services returned in the response.

If no `CarValuedAvailRS/ServiceCar` element is present and `/@totalItems` attribute is `0`, no hotel services were found matching the search criteria.

Additional service car rate description information may be provided in `CarValuedAvailRS/ServiceCar/ServiceExtraInfoList/ExtendedData` element:
- Type value: `EXT_ADDITIONAL_INFO`
- Name value: `INFO_CAR_RATE_DESCRIPTION`

III. Particularities of common operations

III.1 ServiceAdd

In this section you will see the particularities of this operation for Car service. If you want to see the general specification for `ServiceAdd`, please see HotelBeds XML Interface Specification-v2.4.4.

III.1.1 REQUEST BUSINESS RULES

When you try to add a Car Service:

Element/attribute	Rule
Service/DateFrom/@time	Mandatory
Service/DateTo	Mandatory
Service/DateTo/@time	Mandatory
Service/CarInfo/Code	Mandatory

III.1.2 REQUEST ACCEPTANCE TEST

The following elements and attributes are useless:
- ServiceAddRQ/Service/CarInfo/Name
- ServiceAddRQ/Service/CarInfo/DescriptionList
- ServiceAddRQ/Service/CarInfo/ImageList
- ServiceAddRQ/Service/CarInfo/Contact
- ServiceAddRQ/Service/CarInfo/TransmissionType
- ServiceAddRQ/Service/CarInfo/AirConditioning
- ServiceAddRQ/Service/CarInfo/Vendor
- ServiceAddRQ/Service/CarInfo/DoorCount
- ServiceAddRQ/Service/CarInfo/Abs
- ServiceAddRQ/Service/CarInfo/Airbag
- ServiceAddRQ/Service/CarInfo/PowerSteering
- ServiceAddRQ/Service/CarInfo/SeatCount
- ServiceAddRQ/Service/CarInfo/Driver/AdditionalInfo
- ServiceAddRQ/Service/CarInfo/Driver/Document/DocIssueAuthority
- ServiceAddRQ/Service/CarInfo/Driver/Document/DocIssueLocation
- ServiceAddRQ/Service/CarInfo/Driver/Document/DocType
- ServiceAddRQ/Service/CarInfo/Driver/Document/EffectiveDate
- ServiceAddRQ/Service/CarInfo/Driver/Document/ExpireDate
- ServiceAddRQ/Service/CarInfo/Driver/Document/DocHolderName
- ServiceAddRQ/Service/CarInfo/Driver/Document/DocLimitations
- ServiceAddRQ/Service/RentalOffice
- ServiceAddRQ/Service/ReturnOffice
- ServiceAddRQ/Service/SpecialEquipmentList

III.1.3 RESPONSE BUSINESS RULES

If `ServiceAddRS/Purchase` element is present and `ServiceAddRS/Purchase/ServiceList/ Service/@type` is `ServiceCar` the following elements and attributes must be provided:
- ServiceAddRS/Purchase/ServiceList/Service/@SPUI
- ServiceAddRS/Purchase/ServiceList/Service/Status
- ServiceAddRS/Purchase/ServiceList/Service/Supplier
- ServiceAddRS/Purchase/ServiceList/Service/DateFrom/@time
- ServiceAddRS/Purchase/ServiceList/Service/DateTo/@time

III.2 ServiceRemove

In this section you will see the particularities of this operation for Car service. If you want to see the general specification for `ServiceRemove`, please see [HotelBeds XML Interface Specification-v2.4.4](#).

III.2.1 RESPONSE BUSINESS RULES

If `ServiceRemoveRS/Purchase` element is present and `ServiceRemoveRS/Purchase/ServiceList/Service/@type` is `ServiceCar` the following elements and attributes must be provided:

- `ServiceRemoveRS/Purchase/ServiceList/Service/@SPUI`
- `ServiceRemoveRS/Purchase/ServiceList/Service/Status`
- `ServiceRemoveRS/Purchase/ServiceList/Service/Supplier`
- `ServiceRemoveRS/Purchase/ServiceList/Service/DateFrom/@time`
- `ServiceRemoveRS/Purchase/ServiceList/Service/DateTo/@time`

III.3 PurchaseConfirm

In this section you will see the particularities of this operation for Car service. If you want to see the general specification for `PurchaseCancel`, please see [HotelBeds XML Interface Specification-v2.4.4](#).

III.3.1 REQUEST IMPORTANT NOTICES

Driver is mandatory for car services if it was not specified when the car service was added.

III.3.2 REQUEST ACCEPTANCE TEST

The following elements and attributes are useless:

- `PurchaseConfirmRQ/ConfirmationData/Confirmation/ServiceDataList/ServiceData/CommentList`

III.3.3 RESPONSE BUSINESS RULES

If `PurchaseConfirmRS/Purchase` element is present and `PurchaseConfirmRS/Purchase/ServiceList/Service/@type` is `ServiceCar` the following elements and attributes must be provided:

- `PurchaseConfirmRS/Purchase/ServiceList/Service/@SPUI`
- `PurchaseConfirmRS/Purchase/ServiceList/Service/Status`
- `PurchaseConfirmRS/Purchase/ServiceList/Service/Supplier`
- `PurchaseConfirmRS/Purchase/ServiceList/Service/DateFrom/@time`
- `PurchaseConfirmRS/Purchase/ServiceList/Service/DateTo/@time`
- `PurchaseConfirmRS/Purchase/ServiceList/Service/Driver/LastName`

III.4 PurchaseDetail

In this section you will see the particularities of this operation for Car service. If you want to see the general specification for `PurchaseDetail`, please see [HotelBeds XML Interface Specification-v2.4.4](#).

III.4.1 RESPONSE BUSINESS RULES

If `PurchaseDetailRS/Purchase` element is present and `PurchaseDetailRS/Purchase/ServiceList/Service/@type` is `ServiceCar` the following elements and attributes must be provided:

- `PurchaseDetailRS/Purchase/ServiceList/Service/@SPUI`
- `PurchaseDetailRS/Purchase/ServiceList/Service/Status`
- `PurchaseDetailRS/Purchase/ServiceList/Service/Supplier`
- `PurchaseDetailRS/Purchase/ServiceList/Service/DateFrom/@time`
- `PurchaseDetailRS/Purchase/ServiceList/Service/DateTo/@time`

III.5 PurchaseList

In this section you will see the particularities of this operation for Car service. If you want to see the general specification for `PurchaseList`, please see [HotelBeds XML Interface Specification-v2.4.4](#).

III.5.1 RESPONSE BUSINESS RULES

If `PurchaseListRS/Purchase` element is present and `PurchaseListRS/Purchase/ServiceList/Service/@type` is `ServiceCar` the following elements and attributes must be provided:

- `PurchaseListRS/Purchase/ServiceList/Service/Status`
- `PurchaseListRS/Purchase/ServiceList/Service/DateFrom/@time`
- `PurchaseListRS/Purchase/ServiceList/Service/DateTo/@time`
- `PurchaseListRS/Purchase/ServiceList/Service/Driver/LastName`

III.6 PurchaseCancel

In this section you will see the particularities of this operation for Car service. If you want to see the general specification for `PurchaseCancel`, please see [HotelBeds XML Interface Specification-v2.4.4](#).

III.6.1 RESPONSE BUSINESS RULES

If `PurchaseCancelRS/Purchase` element is present and `PurchaseCancelRS/Purchase/ServiceList/Service/@type` is `ServiceCar` the following elements and attributes must be provided:

- `PurchaseCancelRS/Purchase/ServiceList/Service/@SPUI`
- `PurchaseCancelRS/Purchase/ServiceList/Service/Status`
- `PurchaseCancelRS/Purchase/ServiceList/Service/Supplier`
- `PurchaseCancelRS/Purchase/ServiceList/Service/DateFrom/@time`
- `PurchaseCancelRS/Purchase/ServiceList/Service/DateTo/@time`
- `PurchaseCancelRS/Purchase/ServiceList/Service/Driver/LastName`