

octorateReservation

JavaScript Conversion Variable — Developer Reference

Overview

After a successful booking (or cancellation), the Octorate Booking Engine injects a global JavaScript variable called `octorateReservation` into the confirmation page. This object contains complete, structured information about the booking and can be read by any client-side script — including Google Tag Manager, Meta Pixel, custom analytics, or affiliate trackers — without any server-side integration.

The variable is emitted on two events:

- **Purchase** — reservation confirmed successfully.
- **Refund** — reservation cancelled by the guest.

Where It Is Injected

The variable is written inside a `<script>` tag rendered by the file `manage.xhtml` (line 1241), visible only when the reservation status is *success* or *cancelled*:

```
<script>
  var octorateReservation = #{reservationManage.auth.group.successJson};
</script>
```

The server-side method `ReservationGroup.getSuccessJson()` serializes the booking data to a JSON literal, which is directly embedded as the variable value. The JSON is valid JavaScript object literal syntax.

Top-Level Fields

The `octorateReservation` object always contains the following fields at the root level:

Field	Type	Description	Example
<code>refer</code>	String	Unique booking reference code (PNR) assigned by Octorate.	"OCT-123456"
<code>lang</code>	String	Language chosen by the guest during booking (ISO 639-1 code).	"it"
<code>total</code>	Number	Total gross amount charged to the guest, including all taxes and fees.	150.00
<code>netPrice</code>	Number	Net amount before taxes and fees. Useful for revenue reporting.	130.00
<code>firstName</code>	String	First name of the lead guest.	"Mario"
<code>lastName</code>	String	Last name of the lead guest.	"Rossi"
<code>currency</code>	String	ISO 4217 currency code of the property.	"EUR"
<code>country</code>	String	ISO 3166-1 alpha-2 country code of the guest's origin. May be null if not provided.	"IT"
<code>email</code>	String	Email address of the lead guest.	"mario@email.com"
<code>checkin</code>	String	Check-in date in ISO 8601 format (yyyy-MM-dd).	"2025-07-01"
<code>checkout</code>	String	Check-out date in ISO 8601 format (yyyy-MM-dd).	"2025-07-05"
<code>nights</code>	Integer	Number of nights of the stay (checkout – checkin).	4
<code>pax</code>	Integer	Total number of guests (adults + children) across all rooms.	2
<code>hid</code>	String	Unique property identifier (Octorate internal accommodation code).	"OC-001234"
<code>phone</code>	String	Phone number of the lead guest. May be null if not provided.	"+390212345678"
<code>rooms</code>	Array	List of room objects included in the booking. See the Rooms section below.	[...]

rooms[] — Room Objects

Each element of the `rooms` array represents one room (or rate plan unit) included in the booking. Multi-room bookings produce multiple entries.

Field	Type	Description	Example
<code>id</code>	Long	Internal Octorate numeric ID of the room type.	<code>42</code>
<code>name</code>	String	Display name of the room type as configured in the property's settings.	<code>"Deluxe Double"</code>
<code>quantity</code>	Integer	Always 1. Each room object represents a single unit.	<code>1</code>
<code>total</code>	Number	Gross price for this specific room for the full stay.	<code>150.00</code>
<code>extras</code>	Array	Optional. List of extra services added to this room. Present only if at least one extra was booked. See Extras section.	<code>[...]</code>

rooms[n].extras[] — Extra Services

When a guest adds optional services (e.g. breakfast, parking, airport transfer) to a room, those appear in the `extras` array nested inside the room object. This array is absent if no extras were selected.

Field	Type	Description	Example
<code>id</code>	Long	Internal Octorate product ID of the extra service.	<code>7</code>
<code>name</code>	String	Display name of the extra service.	<code>"Breakfast"</code>
<code>quantity</code>	Integer	Number of units of this extra service ordered.	<code>2</code>
<code>total</code>	Number	Total price for this extra (unit price × quantity).	<code>30.00</code>

Full Example Object

Below is a representative value of `octorateReservation` for a two-room booking with one extra:

```
{
  "refer":      "OCT-789012",
  "lang":       "en",
  "total":      320.00,
  "netPrice":   280.00,
  "firstName":  "John",
  "lastName":   "Doe",
  "currency":   "EUR",
  "country":    "GB",
  "email":      "john.doe@example.com",
  "checkin":    "2025-08-10",
  "checkout":   "2025-08-14",
  "nights":     4,
  "pax":        3,
  "hid":        "0C-005678",
  "phone":      "+447911123456",
  "rooms": [
    {
      "id":      42,
      "name":     "Deluxe Double",
      "quantity": 1,
      "total":    200.00,
      "extras": [
        { "id": 7, "name": "Breakfast", "quantity": 2, "total": 30.00 }
      ]
    },
    {
      "id":      55,
      "name":     "Superior Twin",
      "quantity": 1,
      "total":    120.00
    }
  ]
}
```

Usage with Google Tag Manager

Because `otorateReservation` is a plain global JavaScript variable, it can be referenced directly from a GTM **Custom JavaScript Variable** or a **Data Layer** push. Example GTM Custom JavaScript Variable:

```
function() {
  var r = window.otorateReservation;
  if (!r) return undefined;
  return {
    transaction_id: r.refer,
    value: r.total,
    currency: r.currency,
    items: r.rooms.map(function(room) {
      return {
        item_id: room.id,
        item_name: room.name,
        price: room.total,
        quantity: room.quantity
      };
    })
  };
}
```

Usage with Meta Pixel

To fire a **Purchase** event to Meta (Facebook) Pixel:

```
var r = window.otorateReservation;
if (r) {
  fbq('track', 'Purchase', {
    value: r.total,
    currency: r.currency,
    content_ids: r.rooms.map(function(rm) { return rm.id; }),
    content_type: 'hotel'
  });
}
```

Notes & Caveats

- **Availability:** The variable is injected only on the booking confirmation / cancellation page. It is NOT available on other pages.
- **Multi-room bookings:** The **rooms** array contains one object per room unit. Sum **room.total** across all entries to get the breakdown; use the root **total** for the grand total.
- **Nullable fields:** **country** and **phone** can be **null** when the guest did not provide those values. Always guard before use.
- **Extras are optional:** The **extras** key inside a room object is omitted entirely when no extras were booked — do not assume it is an empty array.
- **Amounts:** All monetary values are **BigDecimal** serialized as JSON numbers (no currency symbol, no thousands separator). The currency code is in the root **currency** field.

- **Dates:** Both `checkin` and `checkout` are strings in `yyyy-MM-dd` format, local date of the property (no time component, no timezone offset).
- **Refund event:** When fired on a cancellation page, the same variable is available and can be used to fire a `refund` event to analytics platforms.