

BRP Websocket

Requirement

- Tomcat-7.0.52+ and Tomcat-8.0.1.1+
- Java 7 and later

Protocol

- We use STOMP v1.1 ([STOMP specification v1.1](#)) for sending data through websocket.
- If you have trouble finding a suitable library that speaks STOMP over a websocket it is fairly easy to implement relevant parts of STOMP "by hand"
- Keep in mind that every stomp frame has to be terminated by two newlines and a null character U+0000 denoted `\n\n^@`

Authentication

At the moment no authentication is required.

Connection

Connect websocket to `BRPGOG_BASE_URL/stomp/websocket` or and send:

Connect

```
CONNECT\n\n^@
```

Messages to subscribe to

WorkOut message

WorkOut message is sent each time a person is registered for a work out.

Subscribe

```
SUBSCRIBE
id:any_client_id
destination:/topic/workout/record\n\n^@
```

Message

MESSAGE

content-type:application/json;charset=UTF-8

subscription:any_client_id

destination:/topic/workout/record

```
{
  "workout": {
    "id" : 4711,
    "person_id": 1234,
    "activity_id" : null,
    "product_id" : null,
    "product_name" : null,
    "businessunit_id" : 160,
    "businessunit_name": "Our training center",
    "date" : "2016-02-18T07:44:56.151Z"
  }
}

\n\n^@
```

Value	Format	Description
id	Number	Id of WorkOut
person_id	Number	Id of Person
activity_id	Number or Null	Id of Activity. Will only be set if the WorkOut is connected to a GroupActivity booking.
product_id	Number or Null	Id of Product. Will only be set if the WorkOut is connected to a GroupActivity booking.
product_name	String or Null	Name of Product. Will only be set if the WorkOut is connected to a GroupActivity booking.
businessunit_id	Number	Id of business unit
businessunit_name	String	Name of business unit
date	YYYY-MM-DDThh:mm:ss.sssZ	Date and time of the WorkOut. In UTC time zone.

Booked From Waitinglist message

The BookedFromWaitinglist message is sent when a customer is moved from the waiting list of a group activity and gets properly booked.

Subscribe

SUBSCRIBE

id:any_client_id

destination:/topic/bookedfromwaitinglist\n\n^@

Message

MESSAGE

content-type:application/json;charset=UTF-8

subscription:any_client_id

destination:/topic/bookedfromwaitinglist

```
{
  "groupactivitybooking": {
    "id" : 4711,
    "start" : "2016-02-18T07:44:56.151Z",
    "caption" : "Zumba",
    "activity_id" : 325,
    "person_id": 1234,
    "businessunit_id" : 160,
    "businessunit_name": "Our training center"
  }
}\n\n^@
```

Value	Format	Description
id	Number	Id of GroupActivityBooking (The customers booking at the group activity)
person_id	Number	Id of Person
activity_id	Number or Null	Id of the group activity instance
caption	String	Name of Product. .
businessunit_id	Number	Id of business unit
businessunit_name	String	Name of business unit
start	YYYY-MM-DDThh:mm:ss.sssZ	Date and time of the group activity. In UTC time zone.