

# Available operations

The WebSocket server supports only 4 basic operations (`op`):

## Ping

Check if the connection is still alive.

**Request parameters:** None

**Response:** Only success/error.

**Request example:**

```
{
  "op": "ping",
  "id": 1
}
```

**Response example:**

```
{
  "class": "resp",
  "id": 1,
  "success": true
}
```

## Auth

Log in to be able to subscribe to private streams.

**Request parameters:**

| Parameter            | Type                | Description                       |
|----------------------|---------------------|-----------------------------------|
| <code>api_key</code> | <code>string</code> | <b>Required.</b> Account API key. |

**Response:** Only success/error.

### Request example:

```
{
  "op": "auth",
  "api_key": "00000000000000000000000000000000",
  "id": 2
}
```

### Response example:

```
{
  "class": "resp",
  "id": 2,
  "success": true
}
```

# Subscribe

Subscribe to the stream or many streams.

### Request parameters:

| Parameter | Type                   | Description                    |
|-----------|------------------------|--------------------------------|
| streams   | string / array<string> | <b>Required.</b> Stream names. |

**Response:** Only success/error.

### Request example:

```
{
  "op": "sub",
  "streams": [
    "BPX/USDT@tickerEx",
    "BTC/USDT@ticker"
  ],
  "id": 3
}
```

### Response example:

```
{
  "class": "resp",
  "id": 3,
  "success": true
}
```

# Unsubscribe

Unsubscribe from the stream or many streams.

## Request parameters:

| Parameter | Type                   | Description                    |
|-----------|------------------------|--------------------------------|
| streams   | string / array<string> | <b>Required.</b> Stream names. |

**Response:** Only success/error.

## Request example:

```
{
  "op": "unsub",
  "streams": "BPX/USDT@tickerEx",
  "id": 4
}
```

## Response example:

```
{
  "class": "resp",
  "id": 4,
  "success": true
}
```

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