

## WonderQ API Documentation

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**Queue Timeout:** 1 Minute (default)\*

\*configurable in .env (in minutes)

**QUEUE\_TIMEOUT = 1**

### GET /api/wonderq/all

#### Description

This endpoint will list all messages in the Queue.

#### Success Response

```
{
  "version": "v1.0",
  "success": true,
  "status": 200,
  "message": "Successfully retrieved.",
  "data": [
    {
      "_id": "VZ1zyJqUdL",
      "message": "Test",
      "is_received": false,
      "timeout": null
    }
  ]
}
```

### GET /api/wonderq

#### Description

This endpoint will be used by the consumer to consume messages from the Queue.

#### Success Response - 200 - Successfully retrieved

```
{
  "version": "v1.0",
  "success": true,
  "status": 200,
```

```
{
  "message": "Successfully retrieved.",
  "data": [
    {
      "_id": "VZ1zyJqUdL",
      "message": "Test",
      "is_received": true,
      "timeout": "2021-12-26T19:37:44.820Z"
    }
  ]
}
```

### Error Response - 404 - No messages found

```
{
  "version": "v1.0",
  "success": false,
  "status": 404,
  "message": "No messages found.",
  "data": []
}
```

## POST /api/wonderq

### Description

This endpoint will be used by the producer to create messages to the Queue.

### Request Body

```
{
  "message": "Test"
}
```

### Parameters

message: string

### Success Response - 200 - Successfully created the message

```
{
  "version": "v1.0",
  "success": true,
  "status": 200,
  "message": "Successfully created the message.",
  "data": [
    {
      "_id": "hfDnZqdp7d",
      "message": "Test",

```

```

    "is_received": false,
    "timeout": null
  }
]
}

```

### Error Response - 400 - Message is mandatory

```

{
  "version": "v1.0",
  "success": false,
  "status": 400,
  "message": "message is mandatory.",
  "data": []
}

```

## DELETE /api/wonderq

### Description

This endpoint will be used by the consumer to delete the processed message from the Queue within the timeout period.

### Success Response - 200 - Successfully deleted the message from the Queue

```

{
  "version": "v1.0",
  "success": true,
  "status": 200,
  "message": "Successfully deleted the message from the Queue.",
  "data": []
}

```

### Error Response - 400 - Trying to delete the message which is not processed after the timeout period

```

{
  "version": "v1.0",
  "success": false,
  "status": 400,
  "message": "This message was timed out and available to consume.",
  "data": [
    {
      "_id": "DWAGTC66SR",
      "message": "Test",
      "is_received": true,
      "timeout": "2021-12-26T19:51:18.928Z"
    }
  ]
}

```

```
]
}
```

**Error Response - 400** - Trying to delete the message which is not picked by any consumer

```
{
  "version": "v1.0",
  "success": false,
  "status": 400,
  "message": "This message is available to consume.",
  "data": [
    {
      "_id": "DWAGTC66SR",
      "message": "Test",
      "is_received": false,
      "timeout": null
    }
  ]
}
```