
Topgg Node SDK

Top.gg

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INSTALLATION

You can install the official node sdk via

```
npm i @top-gg/sdk or yarn add @top-gg/sdk
```


EXAMPLES

You can find examples on the [NPM Package](#) page

CHANGE LOG

3.1 3.1.0

- Added `Webhook.listener()` to replace `Webhook.middleware()`

3.2 3.0.9

- A change to how typings are used, properly exports via `dist/typings`

3.3 3.0.8

- Change docs URL
- Fix typos in a few method docs
- Specified that `.hasVoted()` is last 12 hours
- Auto-respond with status 200 as per docs

3.4 3.0.7

- Add new `BotInfo.bannerUrl` to typings

3.5 3.0.6

- Fix to webhook, where there were issues when using a body parser that also used `raw-body`

3.6 3.0.5

- Fix to Api.isWeekend example

3.7 3.0.4

- Released official documentation page
- Added GitHub actions to publish to npm on release

3.8 3.0.3

- Fixed some webhook bugs
- Improved a few typings

3.9 3.0.2

Some day-one patches to README, 3.0.1 is a dud release

3.10 3.0.0

A full rewrite of the package, here's some of the major changes:

- The webhook and API interaction have been full separated, into two different classes, `Api` and `Webhook`
- Auto-Posting is no longer natively supported in the package, instead you can use the officially *supported* `topgg-autoposter` package.
- The webhook class is no longer ran off of events, instead acting as a middleware function that defines `req`.
`vote`

Top.gg API Client for Posting stats or Fetching data

Kind: global class **Link:** <https://topggjs.rfd.io> <- Library docs **Link:** <https://docs.top.gg> <- API Reference

- *Api*
 - *new Api(token, options)*
 - *.postStats(stats) BotStats*
 - *.getStats(id) BotStats*
 - *.getBot(id) BotInfo*
 - *.getUser(id) UserInfo*
 - *.getBots(query) BotsResponse*
 - *.getVotes() Array.<ShortUser>*
 - *.hasVoted(id) Boolean*
 - *.isWeekend() Boolean*

4.1 new Api(token, options)

Create Top.gg API instance

Example

```
const Topgg = require('@top-gg/sdk')  
  
const api = new Topgg.Api('Your top.gg token')
```

4.2 api.postStats(stats) BotStats

Post bot stats to Top.gg

Kind: instance method of *Api***Returns:** BotStats - Passed object

Example

```
await api.postStats({
  serverCount: 28199,
  shardCount: 1
})
```

4.3 api.getStats(id) BotStats

Get a bots stats

Kind: instance method of *Api***Returns:** BotStats - Stats of bot requested

Example

```
await api.getStats('461521980492087297')
// =>
{
  serverCount: 28199,
  shardCount 1,
  shards: []
}
```

4.4 api.getBot(id) BotInfo

Get bot info

Kind: instance method of *Api***Returns:** BotInfo - Info for bot

Example

```
await api.getBot('461521980492087297') // returns bot info
```

4.5 api.getUser(id) UserInfo

Get user info

Kind: instance method of *Api***Returns:** UserInfo - Info for user

Example

```
await api.getUser('205680187394752512')
// =>
user.username // Xignotic
```

4.6 api.getBots(query) BotsResponse

Get a list of bots

Kind: instance method of *Api***Returns:** BotsResponse - Return response

Example

```
// Finding by properties
await api.getBots({
  search: {
    username: 'shiro',
    certifiedBot: true
    ...any other bot object properties
  }
})
// =>
{
  results: [
    {
      id: '461521980492087297',
      username: 'Shiro',
      discriminator: '8764',
      lib: 'discord.js',
      ...rest of bot object
    }
    ...other shiro knockoffs B)
  ],
  limit: 10,
  offset: 0,
  count: 1,
  total: 1
}
// Restricting fields
await api.getBots({
  fields: ['id', 'username']
})
// =>
{
  results: [
    {
      id: '461521980492087297',
```

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```
    username: 'Shiro'
  },
  {
    id: '493716749342998541',
    username: 'Mimu'
  },
  ...
],
...
}
```

4.7 api.getVotes() Array.<ShortUser>

Get users who've voted

Kind: instance method of *Api* **Returns:** Array.<ShortUser> - Array of users who've voted **Example**

```
await api.getVotes()
// =>
[
  {
    username: 'Xignotic',
    discriminator: '0001',
    id: '205680187394752512',
    avatar: '3b9335670c7213b3a2d4e990081900c7'
  },
  {
    username: 'iara',
    discriminator: '0001',
    id: '395526710101278721',
    avatar: '3d1477390b8d7c3cec717ac5c778f5f4'
  }
  ...more
]
```

4.8 api.hasVoted(id) Boolean

Get whether or not a user has voted in the last 12 hours

Kind: instance method of *Api* **Returns:** Boolean - Whether the user has voted in the last 12 hours

Example

```
await api.hasVoted('205680187394752512')
// => true/false
```


4.9 api.isWeekend() Boolean

Whether or not the weekend multiplier is active

Kind: instance method of *Api* **Returns:** Boolean - Whether the multiplier is active **Example**

```
await api.isWeekend()  
// => true/false
```


WEBHOOK

Top.gg Webhook

Kind: global class

- *Webhook*
 - *new Webhook(authorization)*
 - *.listener(fn)*
 - *~~.middleware()~~*

5.1 new Webhook(authorization)

Create a new webhook client instance

Example

```
const express = require('express')
const { Webhook } = require('@top-gg/sdk')

const app = express()
const wh = new Webhook('webhookauth123')

app.post('/dblwebhook', wh.listener((vote) => {
  // vote is your vote object e.g
  console.log(vote.user) // => 321714991050784770
}))

app.listen(80)

// In this situation, your TopGG Webhook dashboard should look like
// URL = http://your.server.ip:80/dblwebhook
// Authorization: webhookauth123
```

5.2 webhook.listener(fn)

Listening function for handling webhook requests

Kind: instance method of *Webhook* **Returns:** An express request handler

Example

```
app.post('/webhook', wh.listener((vote) => {
  console.log(vote.user) // => 395526710101278721
}))
```

Example

```
// Throwing an error to resend the webhook
app.post('/webhook/', wh.listener((vote) => {
  // for example, if your bot is offline, you should probably not handle votes and
  ↪try again
  if (bot.offline) throw new Error('Bot offline')
}))
```

5.3 ~~webhook.middleware()~~

Deprecated

(Use the new .listener() function) Middleware function to pass to express, sets req.vote to the payload

Kind: instance method of *Webhook* **Example**

```
app.post('/dblwebhook', wh.middleware(), (req, res) => {
  // req.vote is your payload e.g
  console.log(req.vote.user) // => 395526710101278721
})
```