



TofuPass

PRINTABLE API GUIDE

# Use the TofuPass API

Generate friendly passwords and passphrases from a tiny open source API. Responses are plain text for generation endpoints and JSON for discovery and stats.

Last updated

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Source

[github.com/Tofu-Water-Drinker/tofupass-api](https://github.com/Tofu-Water-Drinker/tofupass-api)

BASE URL	AUTHENTICATION	GENERATION TYPE	LANGUAGE DEFAULT
<a href="https://tofupass.com/api">https://tofupass.com/api</a>	None	text/plain	English, code en

## GET /api/password

Returns one Firm-strength password made from two friendly words, one special character, and a two-digit number.

PARAM	DEFAULT	NOTES
lang	en	Optional supported language code.

```
curl https://tofupass.com/api/password
# -> !HappyTiger83

fetch('https://tofupass.com/api/password')
  .then(res => res.text())
```

## GET /api/passphrase

Returns a hyphen-separated passphrase made from unique words in the selected word list.

PARAM	DEFAULT	NOTES
count	4	Integer from 4 to 30.
lang	en	Optional supported language code.

```
curl "https://tofupass.com/api/passphrase?
count=6&lang=fr"
# -> ocean-lanterne-sourire-jardin-cuivre-
lune
```

## GET /api/languages

Use this endpoint to build language pickers or validate client-side settings.

```
curl https://tofupass.com/api/languages
# -> {"default":"en","supported":
["en","es","pt","fr","de","ja","zh-
cn","ar","id","hi","ru"]}
```

en es pt fr de ja zh-cn ar id  
hi ru

## GET /api/stats

Returns in-memory counters. They reset when the server restarts and do not contain personal data.

```
curl https://tofupass.com/api/stats
# -> {"generated_passwords":1234,"generated_passph
rases":567,"total_api_calls":1801}
```

## Rate limits and errors

The live generation endpoints allow 1 generation request per second, a burst cushion of 10, and 1,000 generation requests per hour. Requests above those limits return a retry hint.

STATUS	WHERE	PLAIN-TEXT BODY	USEFUL HEADERS
200	All endpoints	Generated value or JSON payload	<b>Content-Type</b>
400	<code>/api/passphrase</code>	<b>count must be between 4 and 30</b>	None required
429	Generation endpoints	<b>too many requests; please slow down</b>	<b>Retry-After, X-RateLimit-Limit, X-RateLimit-Remaining-Hour</b>

## Privacy guarantee

Generated passwords and passphrases are created in real time with Node's `crypto.randomInt`. TofuPass does not log generated secrets, persist them to disk, or transmit them beyond the immediate API response.