



ntfy

Web app

Android/iOS

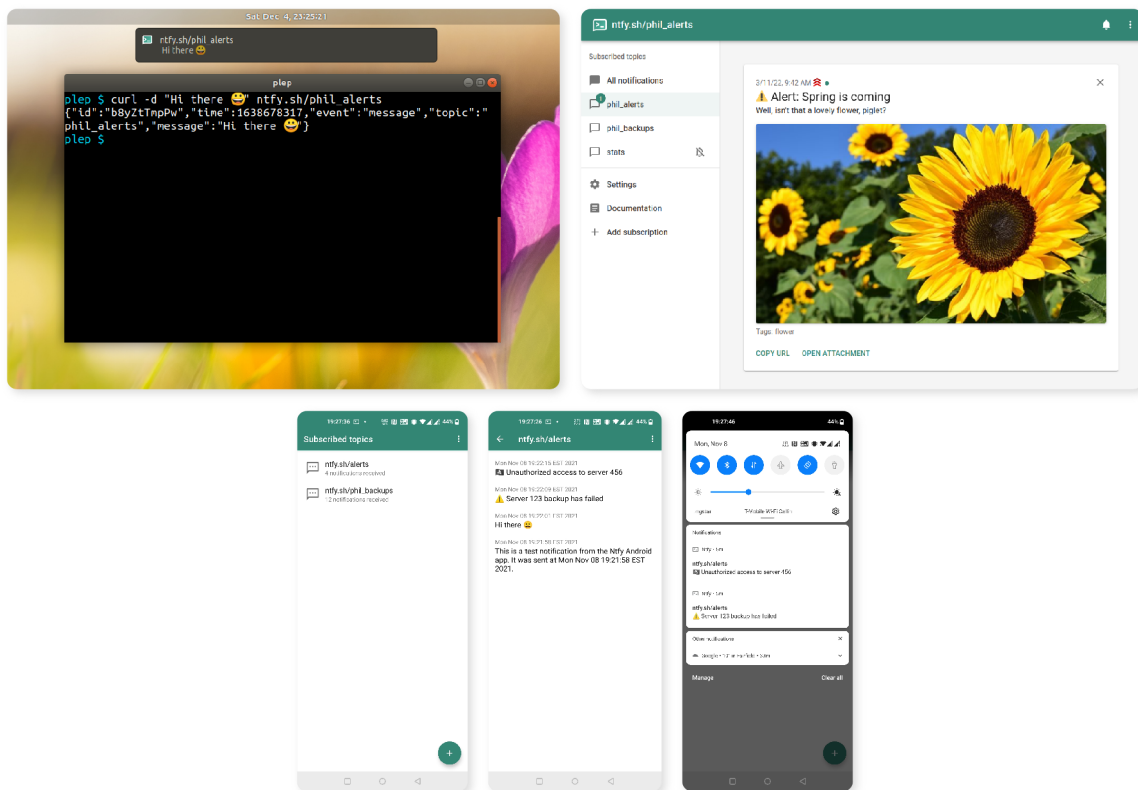
Docs

API

GitHub

# Send push notifications to your phone or desktop via PUT/POST

ntfy (pronounce: *notify*) is a simple HTTP-based [pub-sub](#) notification service. It allows you to send notifications to your phone or desktop via scripts from any computer, entirely **without** **signup**, **cost** or **setup**. It's also [open source](#) if you want to run your own.



## Publishing messages

[Publishing messages](#) can be done via PUT or POST. Topics are created on the fly by subscribing or publishing to them. Because there is no sign-up, the topic is essentially a **password**, so pick something that's not easily guessable.

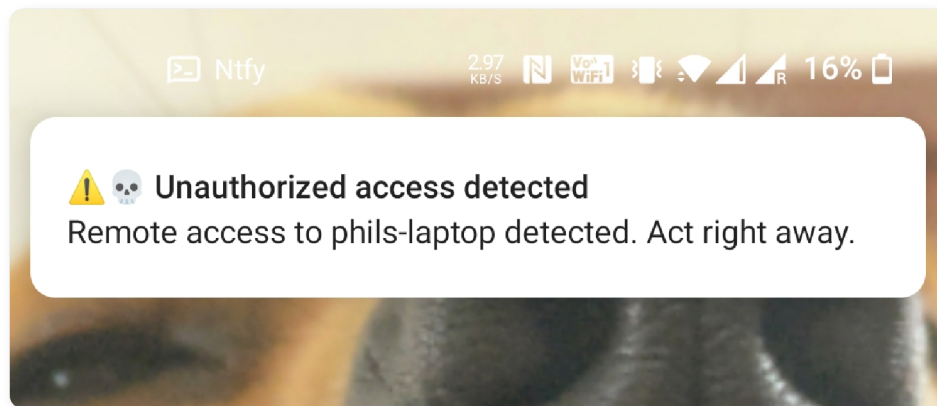
Here's an example showing how to publish a message using a POST request (via `curl -d`):

```
curl -d "Backup successful 😊" ntfy.sh/mytopic
```

There are [more features](#) related to publishing messages: You can set a [notification priority](#), a [title](#), and [tag messages](#). Here's an example using some of them together:

```
curl \
  -H "Title: Unauthorized access detected" \
  -H "Priority: urgent" \
  -H "Tags: warning,skull" \
  -d "Remote access to $(hostname) detected. Act right away." \
  ntfy.sh/mytopic
```

Here's what that looks like in the [Android app](#):



*Urgent notification with pop-over*

## Subscribe to a topic

You can create and subscribe to a topic either [using your phone](#), in [this web UI](#), or in your own app by [subscribing via the API](#).

### Subscribe from your phone

Simply get the app and start [publishing messages](#). To learn more about the app, [check out the documentation](#).



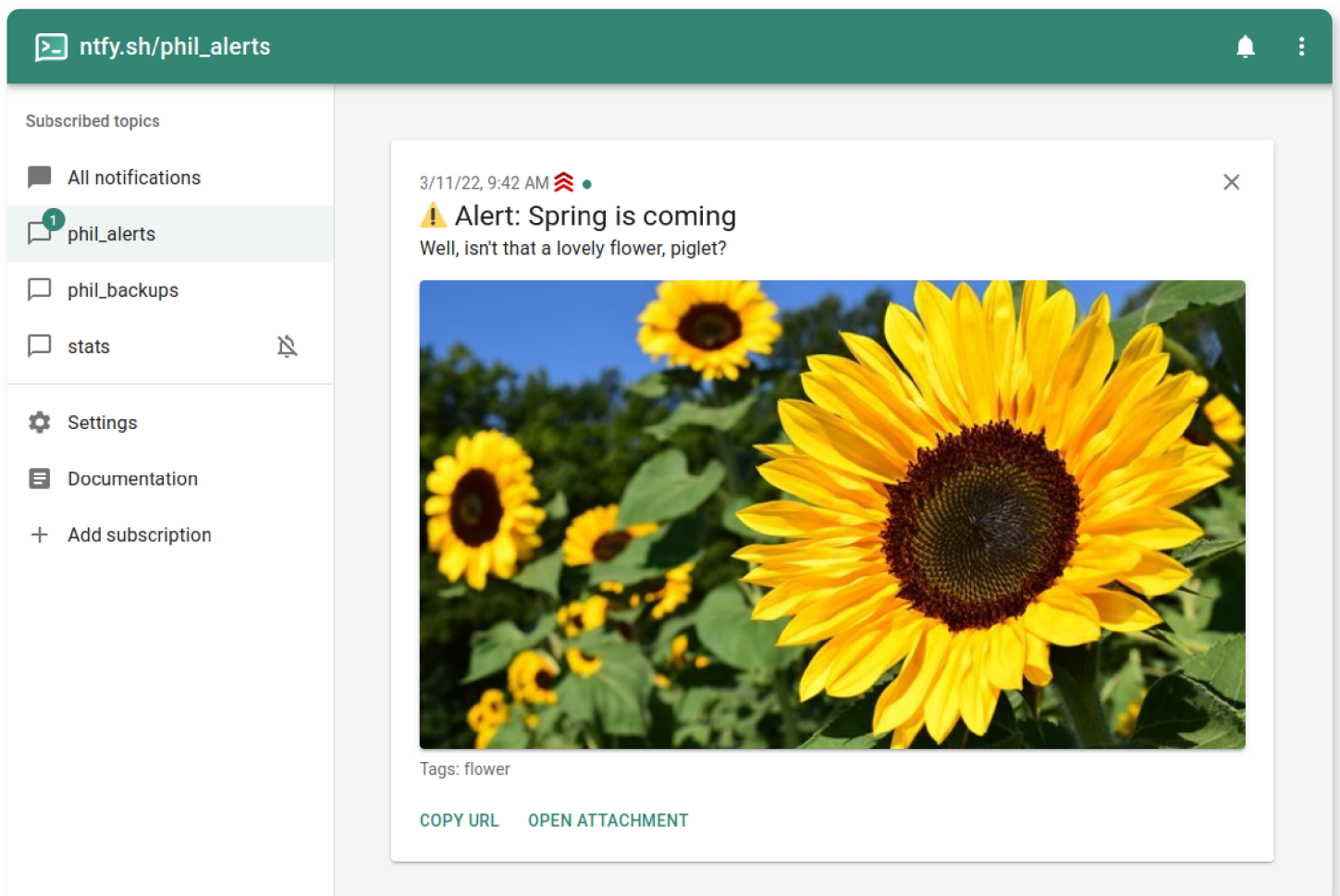
Here's a video showing the app in action:

0:00

*Sending push notifications to your Android phone*

Subscribe via web app

Subscribe to topics in the [web app](#) and receive messages as **desktop notification**. It is available at [ntfy.sh/app](#).



*ntfy web app, available at [ntfy.sh/app](#)*

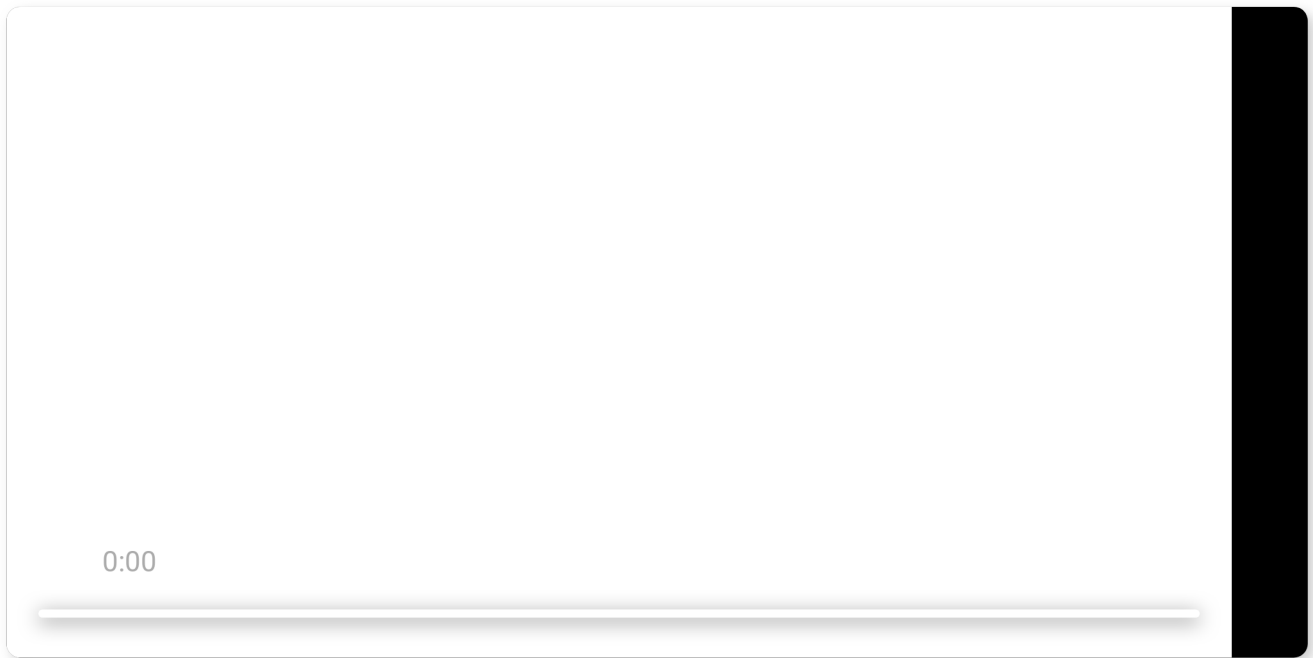
# Subscribe using the API

There's a super simple API that you can use to integrate your own app. You can consume a [JSON stream](#), an [SSE/EventSource stream](#), a [plain text stream](#), or [via WebSockets](#).

Here's an example for JSON. The **connection stays open**, so you can retrieve messages as they come in:

```
$ curl -s ntfy.sh/mytopic/json
{"id":"SLiKI64D0t","time":1635528757,"event":"open","topic":"mytopic"}
{"id":"hwQ2YpKdmg","time":1635528741,"event":"message","topic":"mytopic","message"}
{"id":"DGUDShMCsc","time":1635528787,"event":"keepalive","topic":"mytopic"}
...
```

Here's a short video demonstrating it in action:



*Subscribing to the JSON stream with `curl`*

Check out the docs!

ntfy has so many more features and you can learn about all of them [in the documentation](#) (I tried my very best to make it the best docs ever 😊, not sure if I succeeded, hehe).

ntfy

binwiederhier/ntfy

v1.16.0 1.5k 49

ntfy

Getting started

Publishing

Sending messages

Message title

Message priority

Tags & emojis 🏷️👉

Scheduled delivery

Webhooks (Send via GET)

Click action

Attachments

Attach local file

Attach file from a URL

E-mail notifications

E-mail publishing

Advanced features

Authentication

Message caching

Disable Firebase

UnifiedPush

Public topics

Limitations

List of all parameters

Subscribing

Publishing

Publishing messages can be done via HTTP PUT/POST or via the [ntfy CLI](#). Topics are created on the fly by subscribing or publishing to them. Because there is no sign-up, **the topic is essentially a password**, so pick something that's not easily guessable.

Here's an example showing how to publish a simple message using a POST request:

Command line (curl)

ntfy CLI

HTTP

JavaScript

Go

Python

PHP

```
curl -d "Backup successful 🥰" ntfy.sh/mytopic
```

If you have the [Android app](#) installed on your phone, this will create a notification that looks like this:

Notifications

Ntfy • now 🌙

ntfy.sh/mytopic

Backup successful 🥰

Android notification

There are more features related to publishing messages: You can set a [notification priority](#), a [title](#), and [tag messages](#) 🏷️👉. Here's an example that uses some of them at together:

*Check out the documentation*

100% open source & forever free

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*Made with ❤️ by [Philipp C. Heckel](#)*