Short documentation of my BGP API

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https://www.bortzmeyer.org/bgp-api.html

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I manage a small API to get information from the BGP routing protocol. This is its documentation.

The service allows you to find the current origin AS for a given IP address. The data comes from the RIS <https://www.ripe.net/analyse/internet-measurements/routing-information-service-ris/ >, which does not have apparently a ultra-simple API. You get more or less what can be seen by any router located on the DFZ. Here, the API is very frugal : you call https://bgp.bortzmeyer.org/IP-ADDRESS and you get a plain text reply. This is an example with curl :

```
% curl -i https://bgp.bortzmeyer.org/2001:500:2f::f

HTTP/2 200
content-type: text/plain
...

2001:500:2f::/48 3557
```

So, the IP address 2001:500:2f::f is part of the prefix 2001:500:2f::/48 and is originated by AS 3557 (ISC).

If the reply is empty, it typically means the service does not have information about this address.

You can also add a prefix length at the end, after a slash.

Of course, it also works with the old version of IP :

```
% curl  https://bgp.bortzmeyer.org/185.71.138.138
185.71.138.0/24 14907
```

(originated by AS 14907, Wikimedia).

You can access information about the current knowledge of the service with a special request :

```
% curl  https://bgp.bortzmeyer.org/info
OK: 1038593 IPv4 prefixes, 231512 IPv6 prefixes, 84914 AS
```

The service exists for some time now, but did not have its own documentation before june 2025. Note it can also be accessed on the fediverse by sending an IP address <https://www.bortzmeyer.org/fediverse-bot-bgp.html> to @bgp@mastodon.gougere.fr (here is an example <https://mastodon.gougere.fr/deck/@bgp/114636711737413120>).