

self-published-geo

{ek,kduleba,zszami}@google.com
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Overview

- Response to real world scenarios
 - Network providers wanting to publish geo data for rapid updates
 - Technical conferences which reuse the same block in different meeting locations
 - Ideally faster than waiting for passive discovery
- Extremely simple
 - Publish a list of prefix and locality attributes
 - As accurate as the publisher wishes
 - Could theoretically accommodate other "network attributes"

Format

- UTF-8, CSV-style text format
 - `ip_range,country,region,city,postal_code`
- Consists of:
 - CIDR prefix (or single IP address)
 - ISO 3166.1 alpha 2 two letter country identifier
 - ISO 3166.2 region identifier
 - freeform city string
 - freeform postal code
- All fields except `ip_range` are **optional**

Examples

- <https://meetings.ripe.net/geo/google.csv>
 - 193.0.24.0/21, PL, PL-MZ, Warszawa, 00-065
2001:67c:64::/48, PL, PL-MZ, Warszawa, 00-065
- <https://registration.icann.org/geo/google.csv>
 - 199.91.192.0/21, US, US-CA, Los Angeles,
2620:f:8000::/48, US, US-CA, Los Angeles,
- More at <https://ipgeofeeds.appspot.com/>
 - small AppEngine app to upload your feed URL

thanks

tools.ietf.org/html/draft-google-self-published-geofeeds

(-02 currently expired; -03 coming soon)