CoAP FETCH

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- https://maps.google.com/maps?f=d&source=s_d&saddr=Millbrae+Caltrain+Station&daddr=&hl=en&geocode=&mra=ls&dirflg=r&ttype=dep&noexp=0&noal=0&sort=&sll=37.510543,-122.259507&sspn=0.012357,0.015235&ie=UTF8&lci=transit&start=0&ll=37.603641,-122.386107&spn=0.013566,0.018046&z=16&iwloc=lyrftr:m,0x808f77b091ff6be5:0x725e536abba2f0c6,37.599829,-122.386537

What if > ~ 1KiB?

- Switch to POST

  - can send detailed parameters in payload instead

- Lose GET properties

  - safe

  - idempotent

HTTP SEARCH

- Like GET

- Add a body

- No longer need to POST a > 1KiB search

CoAP FETCH

- Similar to HTTP SEARCH

    - Add request payload to a GET

- Slightly different semantics: cacheable

FETCH and collections

- FETCH request payload has a media type

    - Can define application-specific formats

- Addressing Collections: e.g.,
  `[* selector]`

Caveat

- GET operates on a link

- FETCH additionally requires guidance how to construct payload

  - form relations!

FETCH rhymes with PATCH

- GET, PUT, POST, DELETE

- FETCH, iPATCH, PATCH

  - Patch payload, e.g.:
    { * selector => action }