



# HTTP Message Signatures

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# Since Last We Met

- Lots of editorial updates
- More examples
- Added "tag" parameter
- WGLC

# Trailers?

- Can these be trailers:
  - Signature / Signature-Input
  - Accept-Signature
- Can we sign trailers?
  - Do we mash them into the headers or should we treat them separately?
- *Are they even real?*



# Example HTTP Message

POST /foo?param=value&pet=dog HTTP/1.1

Host: example.com

Date: Tue, 20 Apr 2021 02:07:55 GMT

Content-Type: application/json

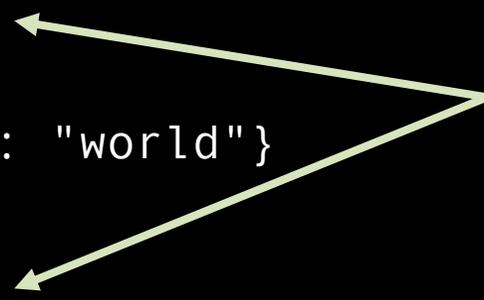
Content-Length: 18

Foo: bar

{"hello": "world"}

Foo: baz

Are these both "foo"?



# Signature Base

"foo": bar, baz

Combine them into  
a single value

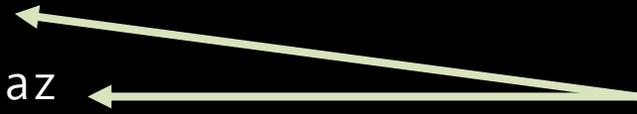


# Signature Base

"foo": bar

"foo";tr: baz

Treat trailers as  
a different  
class, marked  
with "tr" flag

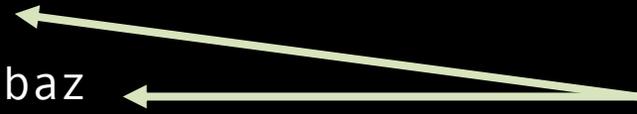


# Some Precedent

"foo": bar

"foo";req: baz

Fields from the  
request are flagged  
with "req"



# Security Reviews & Implementations

- Presentation to SAAG this Friday
  - Calling for wide review from SEC folks
- Collecting implementations for page on <httpsig.org>