

# Variants

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<https://mnot.github.io/I-D/variants/>

# Status

- Draft -02
- Two outstanding issues
- Implementation to prove in-spec algorithms:  
<https://github.com/mnot/variants-toy>
- Suitable for prototype implementation

# Example

```
GET /foo HTTP/1.1
Host: www.example.com
Accept-Language: en;q=1.0, fr;q=0.5
```

```
HTTP/1.1 200 OK
Content-Type: text/html
Content-Language: fr
Vary: Accept-Language
Variants: Accept-Language;fr;de;en;jp
Variant-Key: fr
Transfer-Encoding: chunked

[French content]
```

# Key vs. Variant

- Can target any header
- Origin has to write “recipe”
- Headers can’t special case
- Depends on getting the recipe right
- Header spec has to support
- Header spec has to define algo
- Headers can special case
- Depends on getting the header spec right

**Adopt?**