RTC Use Cases

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Calls Out

- VoIP
  - Other browser
  - Unmodified SIP phone
  - Gateway
- PSTN
  - Co-resident PSTN terminal (tel:)
  - PSTN gateway
    - Standard?
    - On-site? CORS?

- DTMF
- Early media
- E.g. 1-800-GO-FEDEX
- Voice *and* video
- Firewalls and NATs

Calls In

- Bind to an identifier
  - Address
  - Number

- Several sites simultaneously, different identifiers

- Identifier implies routing
  - Phone number routes through PSTN by default
  - VIPR to optimize

- Firewalls and NATs more challenging than outbound

Non-AV

- Examples
  - Games
  - Whiteboards
- Trade offs:
  - Isochronous: short twitch
  - Guaranteed
  - Latency
- Peer-to-peer desired for some