Happy Eyeballs Extension for Multiple Interfaces

draft-chen-mif-happy-eyeballs-extension-02
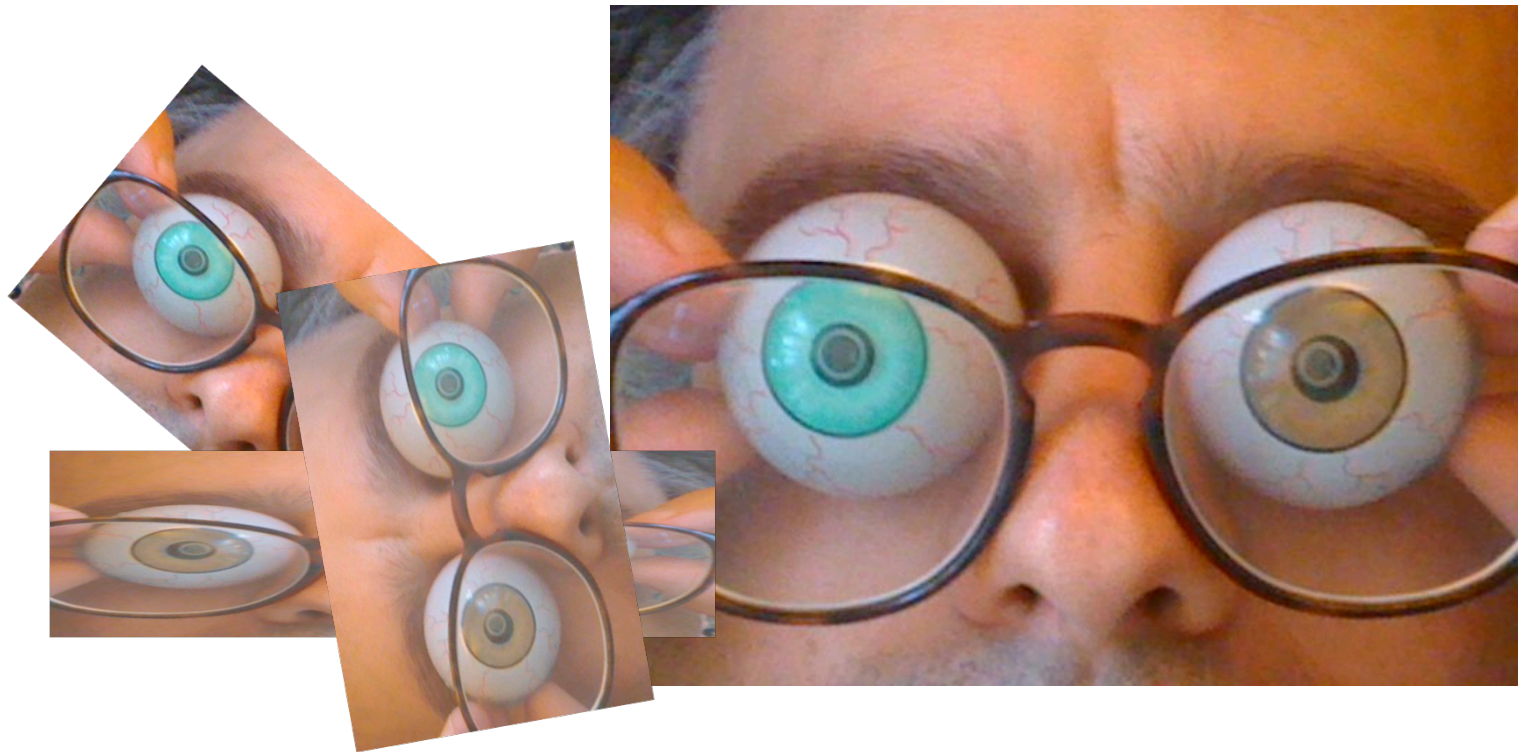
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Changes since IETF#80

- Added and categorized multiple criteria to judge which interface is optimal

Preconditions

Hard

- **User preferences**
  - No 3G while roaming
  - Only use free WiFi
- **Operator policies**
  - No 2.484GHz WiFi (channel 14)

Soft

- **"Best" path**
  - draft-ietf-mif-dhcpv6-route-option-01
  - draft-ietf-mif-dns-server-selection-03
  - Bandwidth/Latency
  - Optimal data plan

Selection

Stage 1

Filter

Stage 2

Sort

- **End goal:**
  - "Best" interface selection with fallback
  - Merge the preferences

Adopt

- Further work
  - Identify more preconditions
  - Decide how to handle conflicts
  - New focus: requirements document