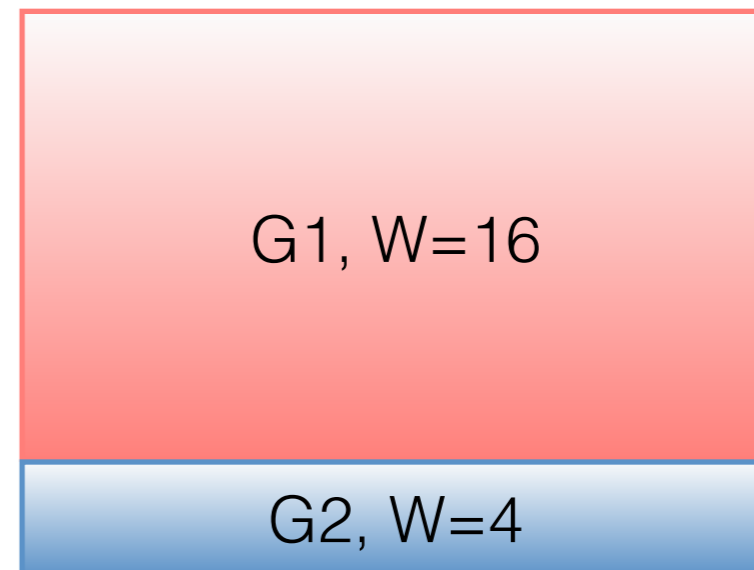# Group Weights Enhancements

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Group Weights

Current Specification

- Streams organized in groups
- Group priority defined by its weight:
  - Range from 1 to 256
  - Relative share of resource

G1, W=16

G2, W=4

Use-Cases

- Browsing over a constrained link
  - Client wants fast interaction
  - Pauses background transfers (e.g. download)
- Streaming a video
  - Client wants enough bandwidth for it
  - Pauses all other streams
- How to achieve this with group weights?

Proposal

- Define specific values for group weights
- Group weight 0
  - No resource should be allocated to this group
  - Enables to pause all streams in the group
- Group weight ∞
  - All resources should be allocated to this group
  - Enables to pause all streams except those in this group
  - Associated to value 255