

STREAMING VIDEO AND MPEG-DASH


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Module 2
Fall 2020



ATTRIBUTION

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 - The Blender Foundation (blender.org)


OPEN-SOURCE MOVIES: BLENDER.ORG AND CAMINANDES.COM

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Open Movies




Spring (2019)

Spring is the story of a shepherd girl and her dog, who face ancient spirits in order to continue the cycle of life. This poetic and visually stunning short film was written



Agent 327: Operation Barbershop (2017)

Agent 327 is investigating a clue that leads him to a barbershop in Amsterdam. Little he knows that he is being tailed by mercenary Boris Kloris...



Caminandes: Llamigos (2016)

The third episode of the Caminandes series is about Koro the Llama and a pesky but very cute penguin.

Production started in november 2015, release was in

DEMO: CAMINANDES LLAMIGOS (2.5 MINUTES)



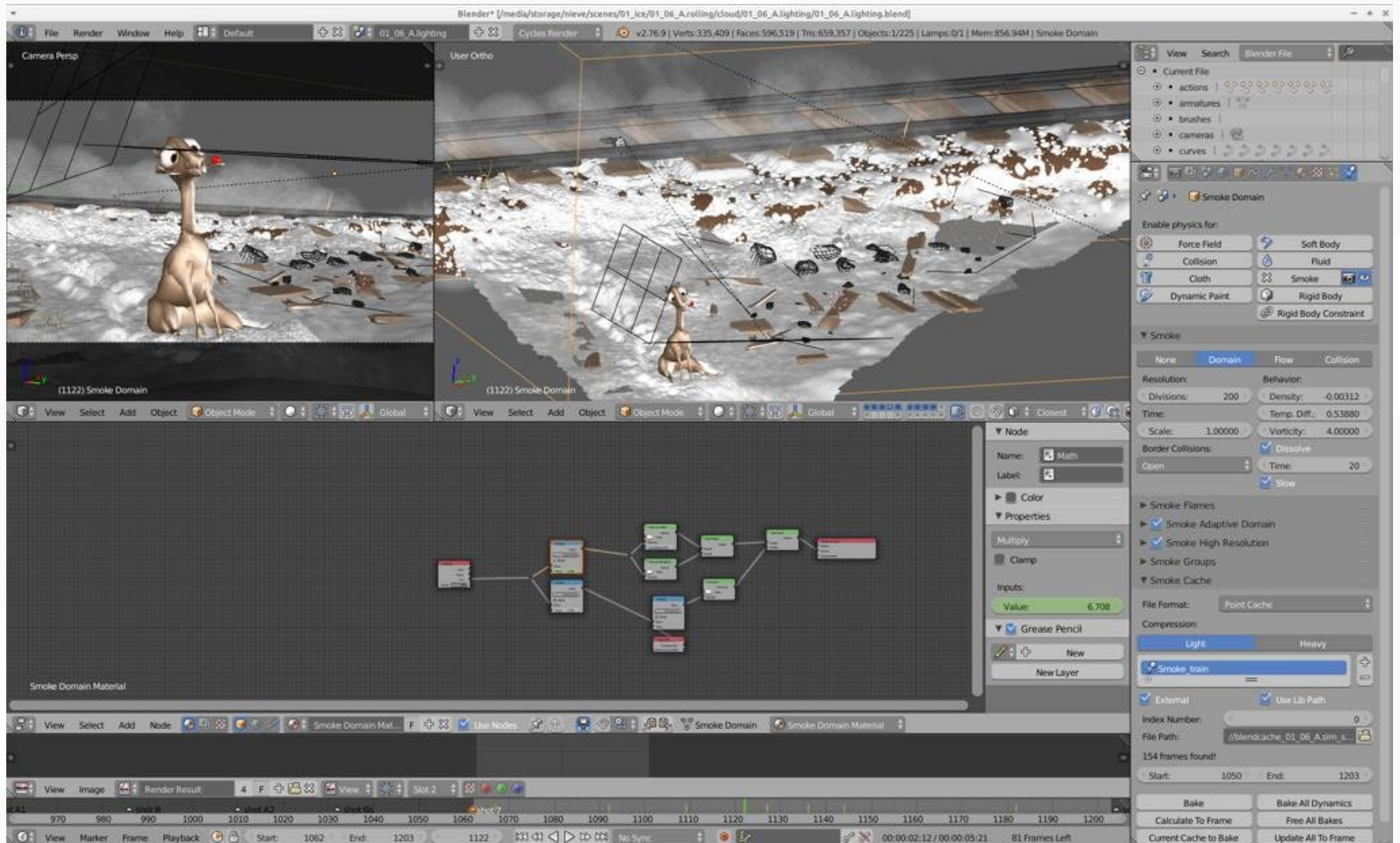
DEMO: CAMINANDES LLAMIGOS



OPEN-SOURCE MOVIES



OPEN-SOURCE MOVIES



BITRATES

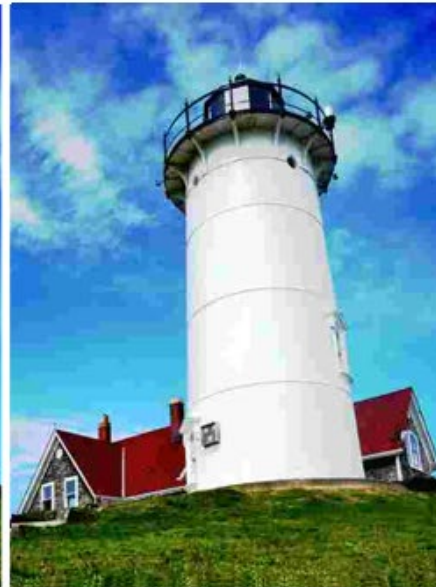
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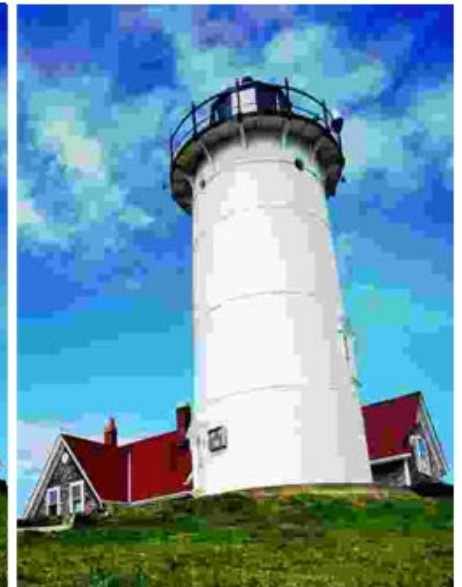
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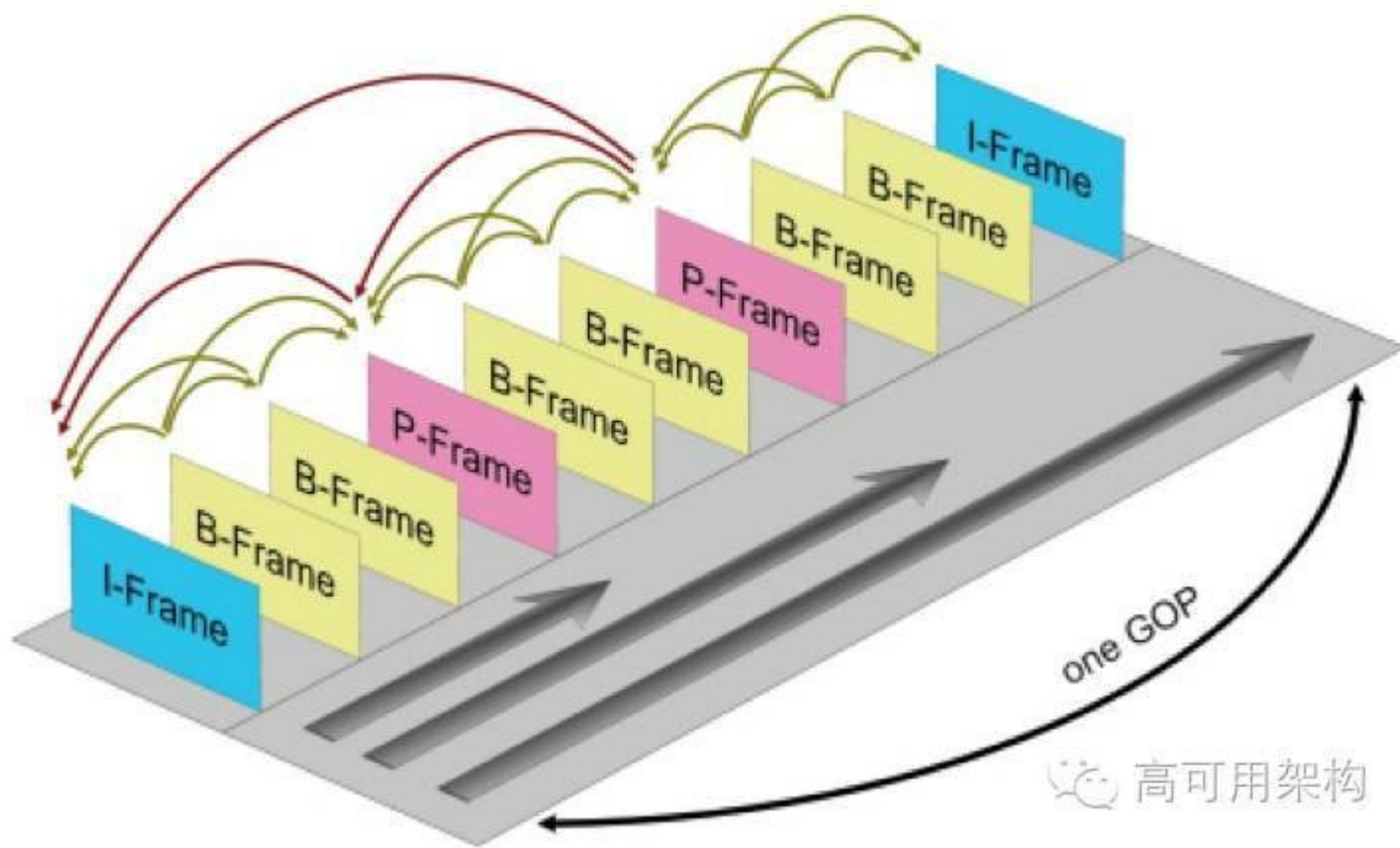


Less Compression

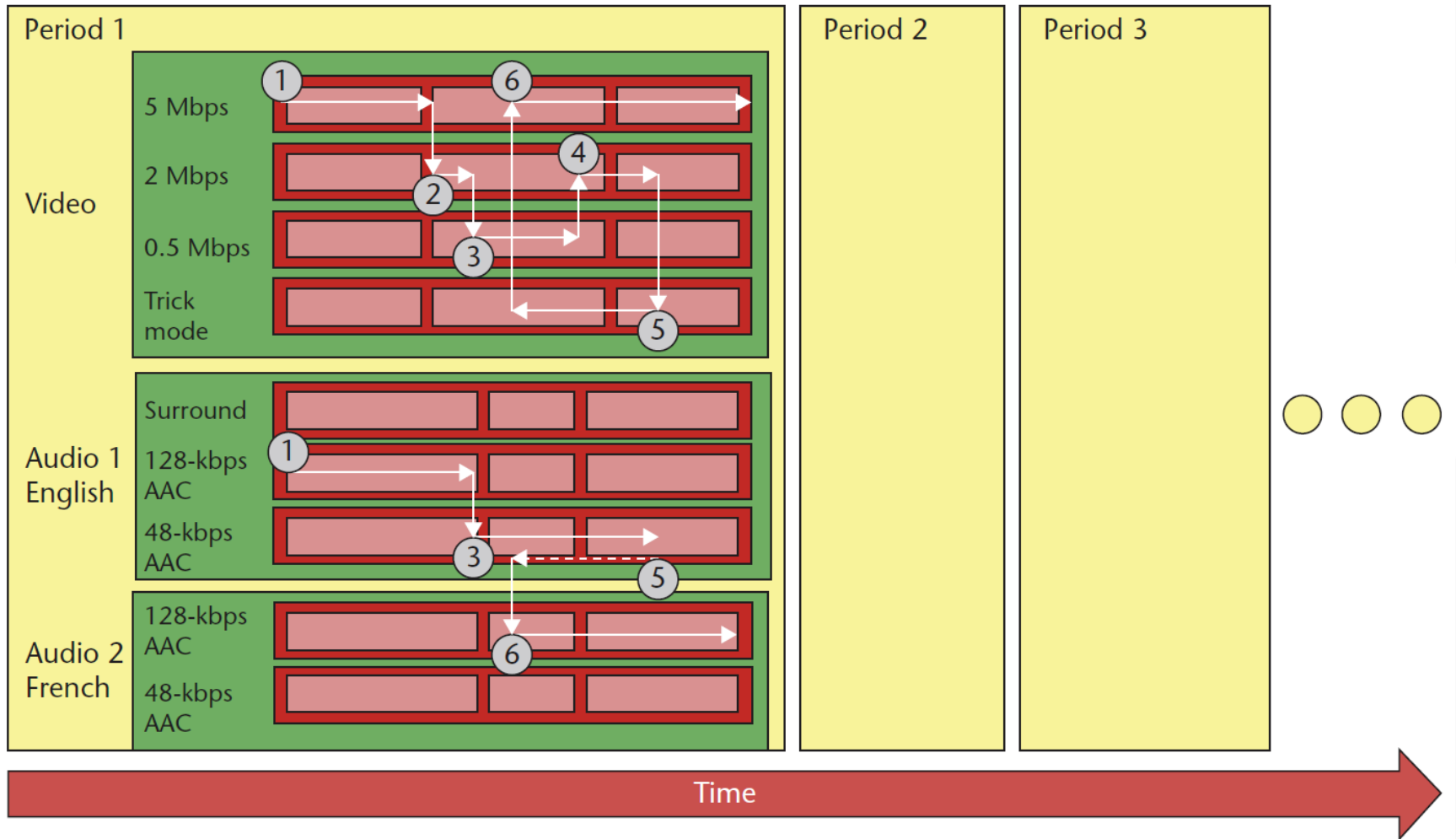


More Compression

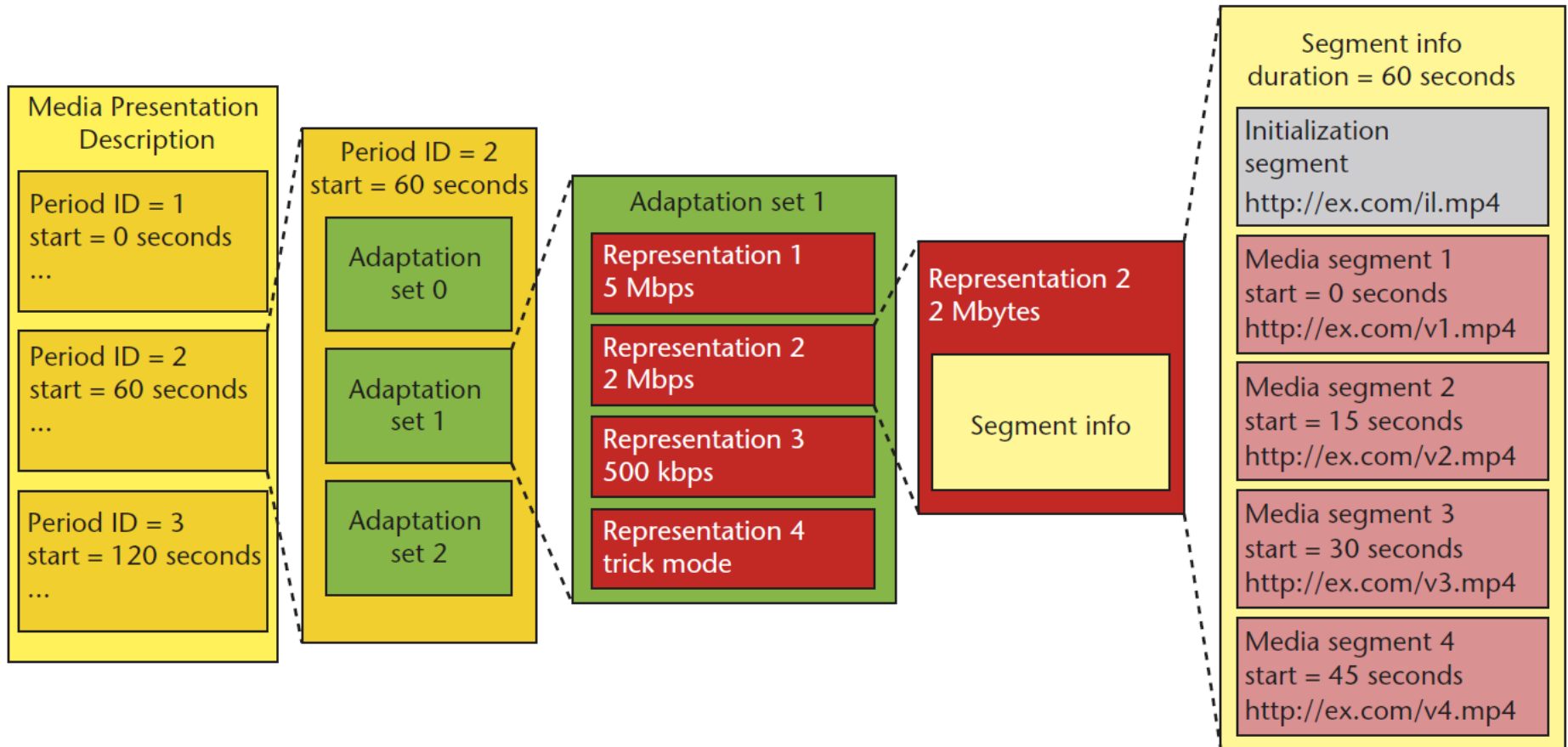
I-FRAMES, B-FRAMES, P-FRAMES, GOPS



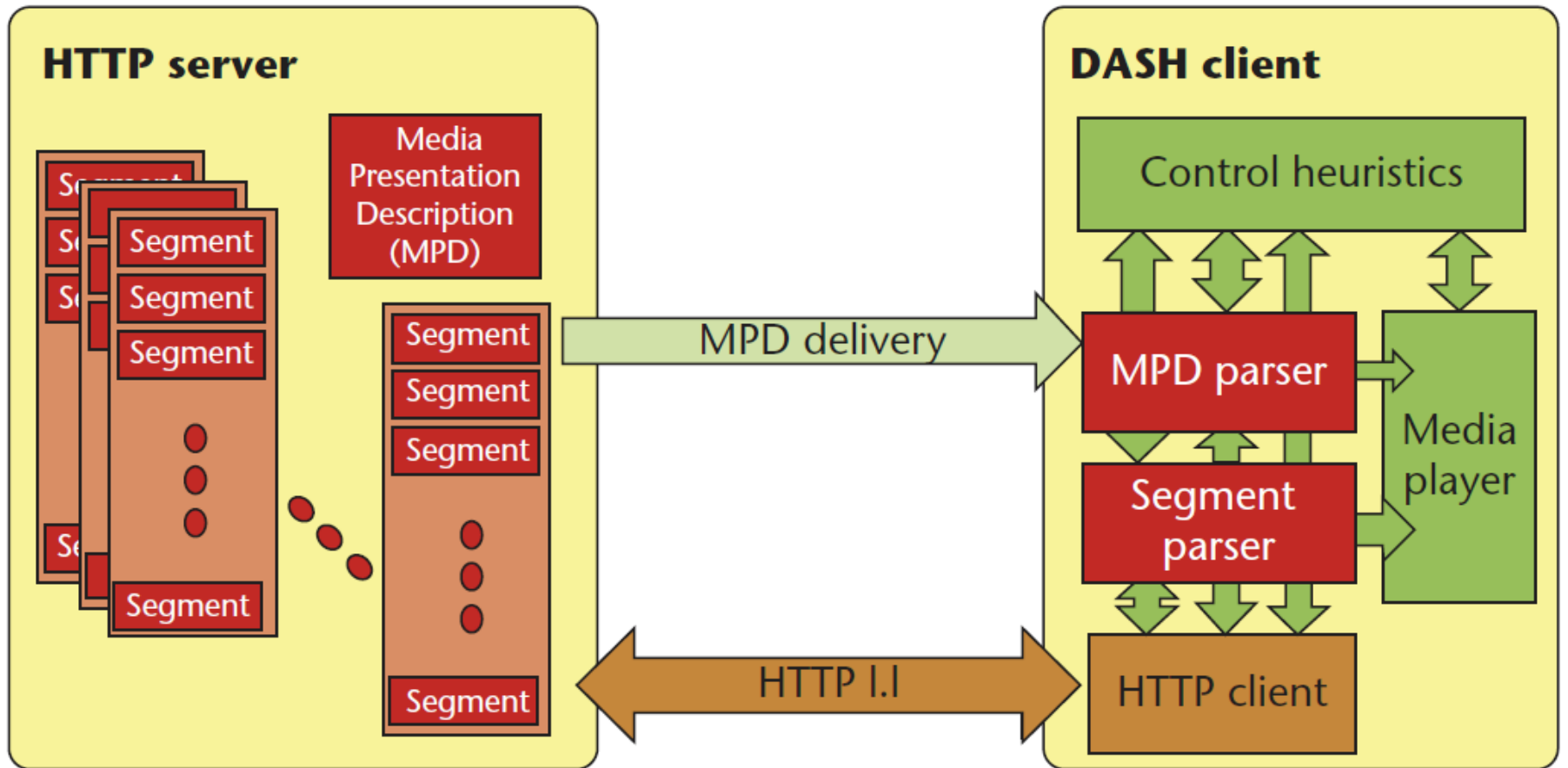
DYNAMIC ADAPTIVE STREAMING EXAMPLE



MPD (MEDIA PRESENTATION DESCRIPTION) FILES



MPEG-DASH AND HTTP SERVERS



DEMO

Tracing HTTP requests related to an MPEG-DASH stream

UC San Diego