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D-LiTE: A platform for evaluating DASH performance over a simulated LTE network

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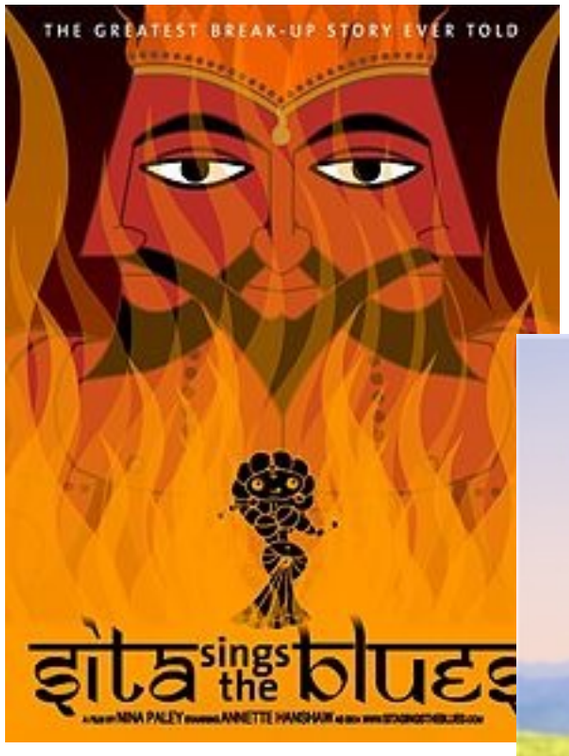
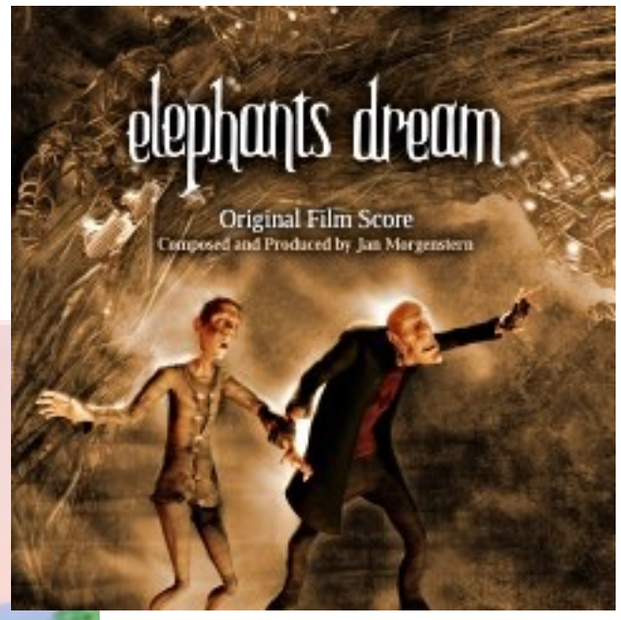
Streaming REAL DASH Video





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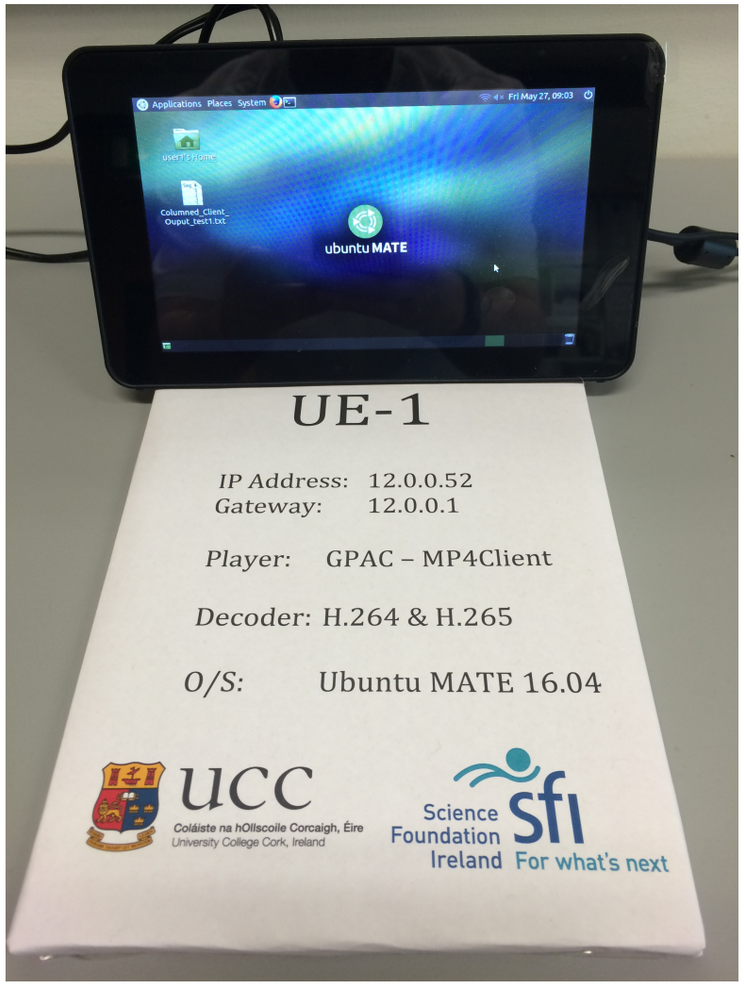
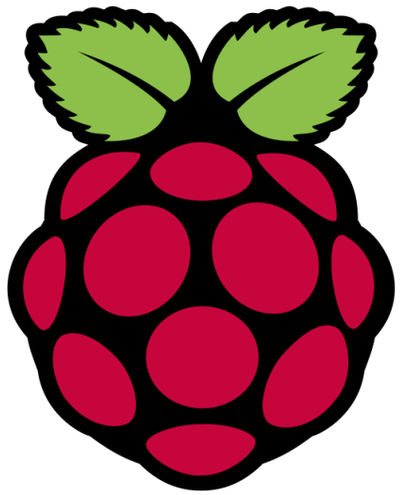
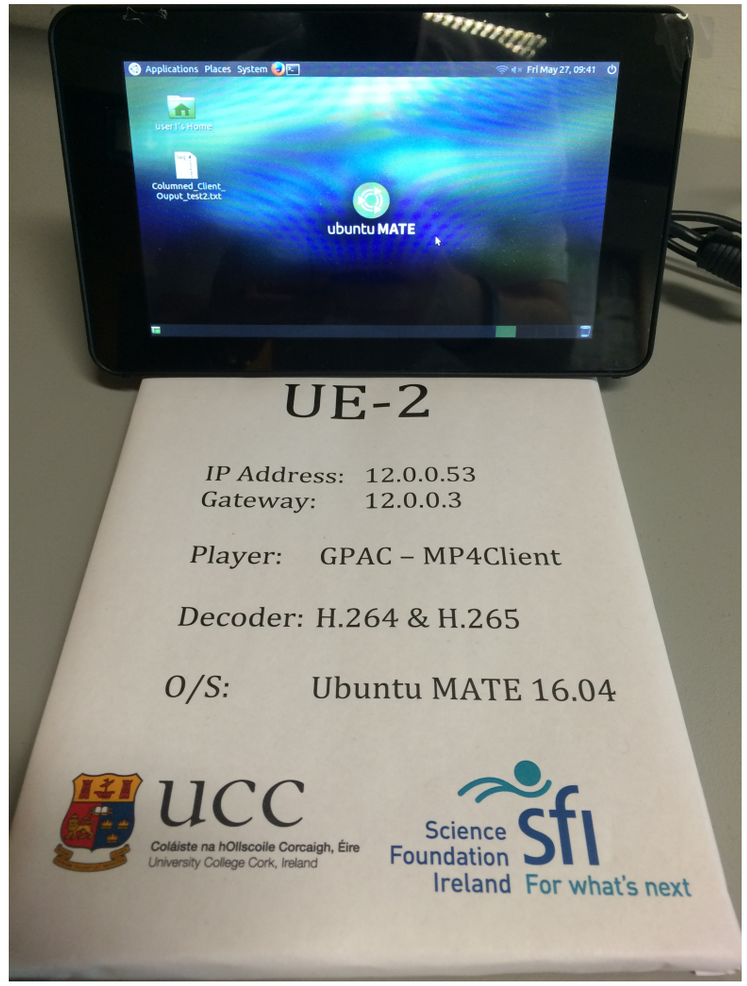
To REAL Client Devices





ubuntu MATE



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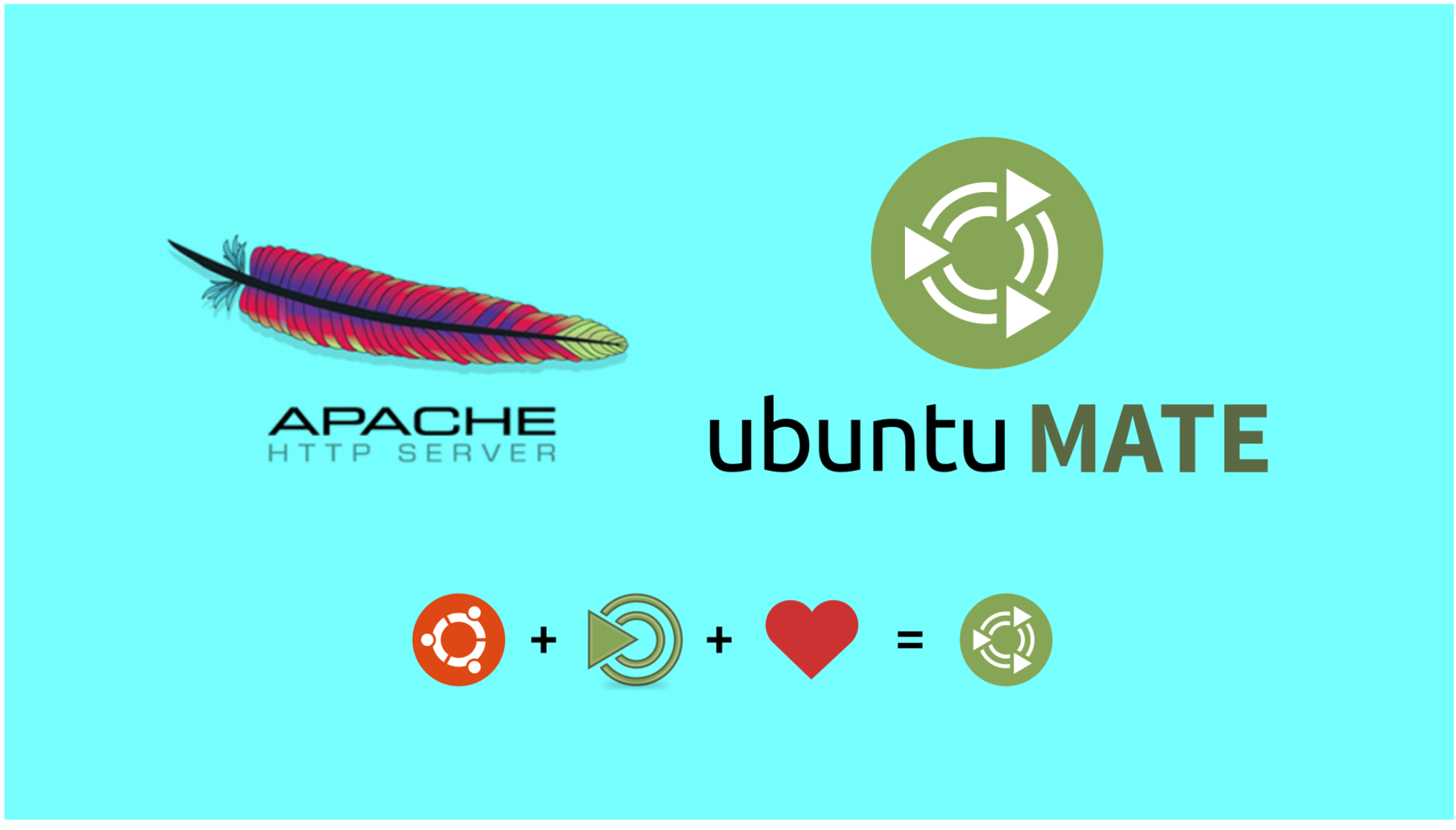
From a REAL Web Server



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Did I mention this is REAL!!!

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Well except for LTE which is simulated, but it runs in REAL time

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Come say hi :)

Contribution: Platform that provides a hybrid physical and simulated infrastructure in which actual DASH video clips are requested and streamed from a NAS server to clients over a simulated LTE air-interface in realtime.

Plus all the benefits offered by Simulated LTE, such as real-time, inexpensive implementation and reproducible experimentation.

Further information and build instructions available at
‘www.cs.ucc.ie/misl/research/current/ivid_demo/lanman2016'