

THE PPSP PEER PROTOCOL (PPSPP)

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LOOKING FURTHER

IESG TELECHAT DEC 18TH

- Has 13 YES / NO OBJECTIONs
- Has 0 DISCUSSEs (as per Mar 19th)
- PASSED!



FUTURE

- On to the RFC Editor!
- Thank you all!

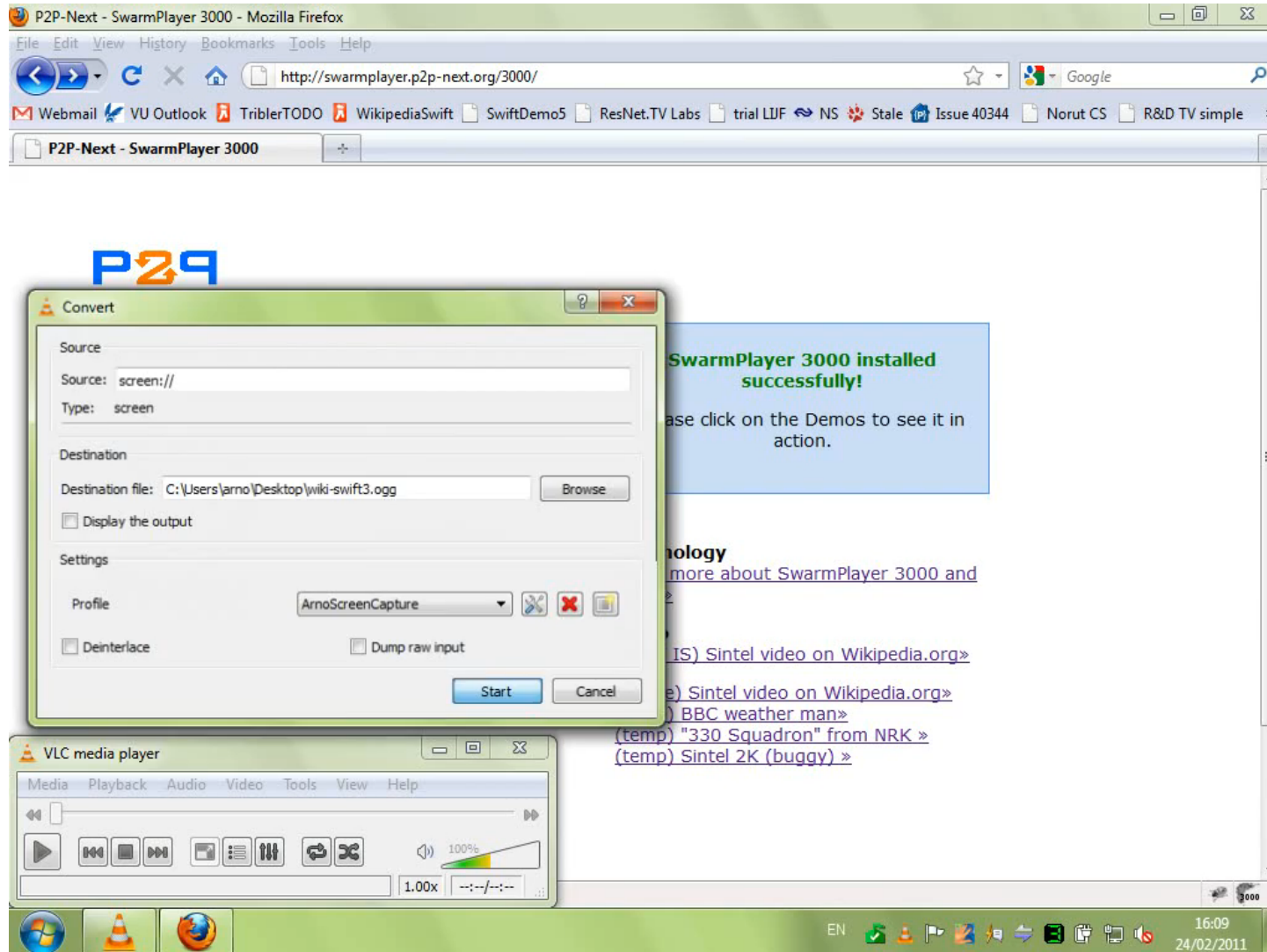


PPSP IMPLEMENTATION

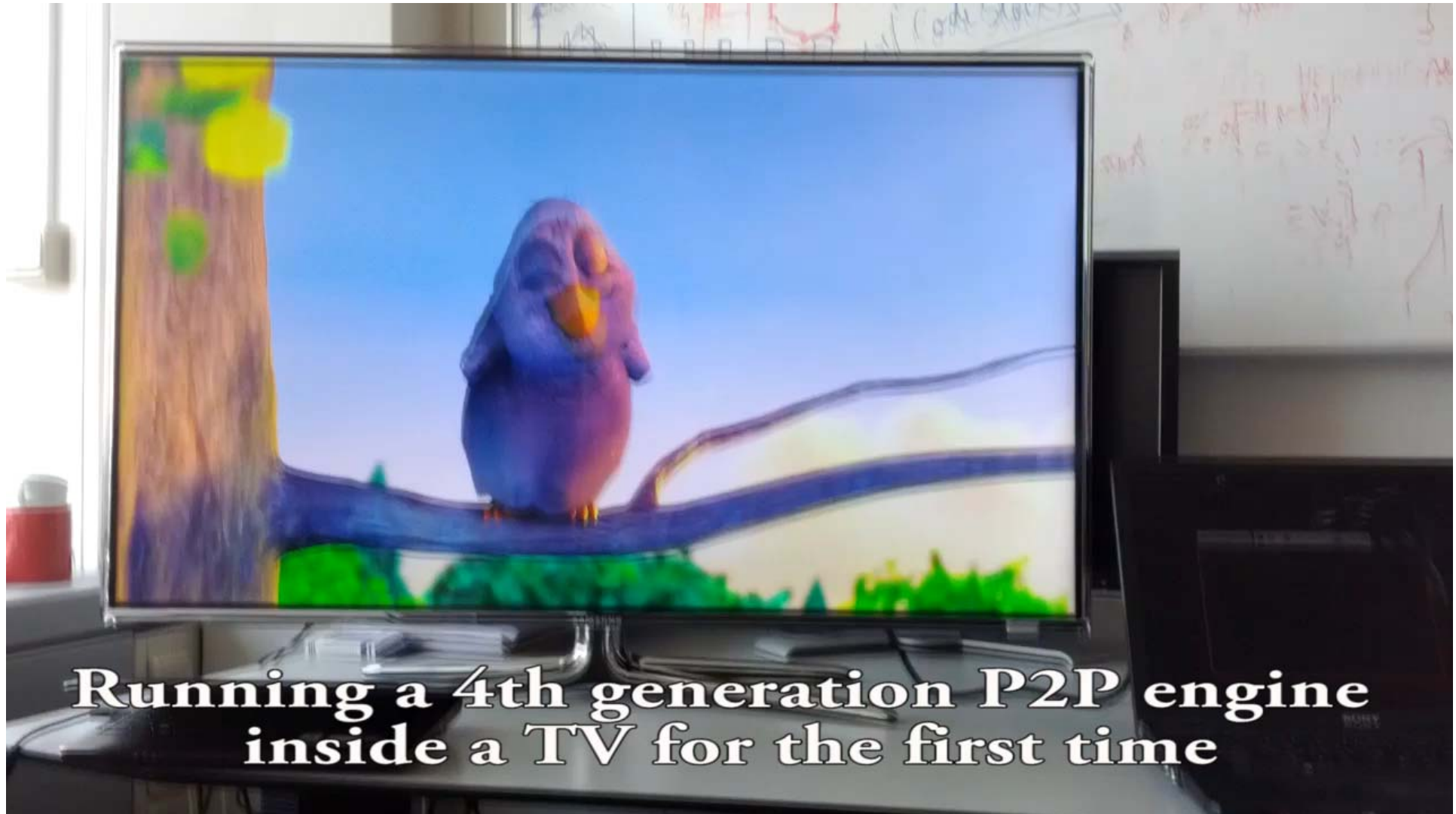
RUNS ON ANDROID AND IOS



FIREFOX PLUGIN FOR WIKIPEDIA



RUNNING INSIDE A SAMSUNG D7000 TV

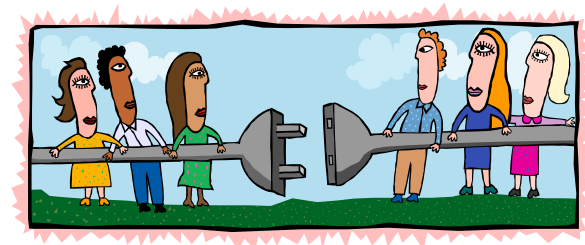


**Running a 4th generation P2P engine
inside a TV for the first time**

THANKS!

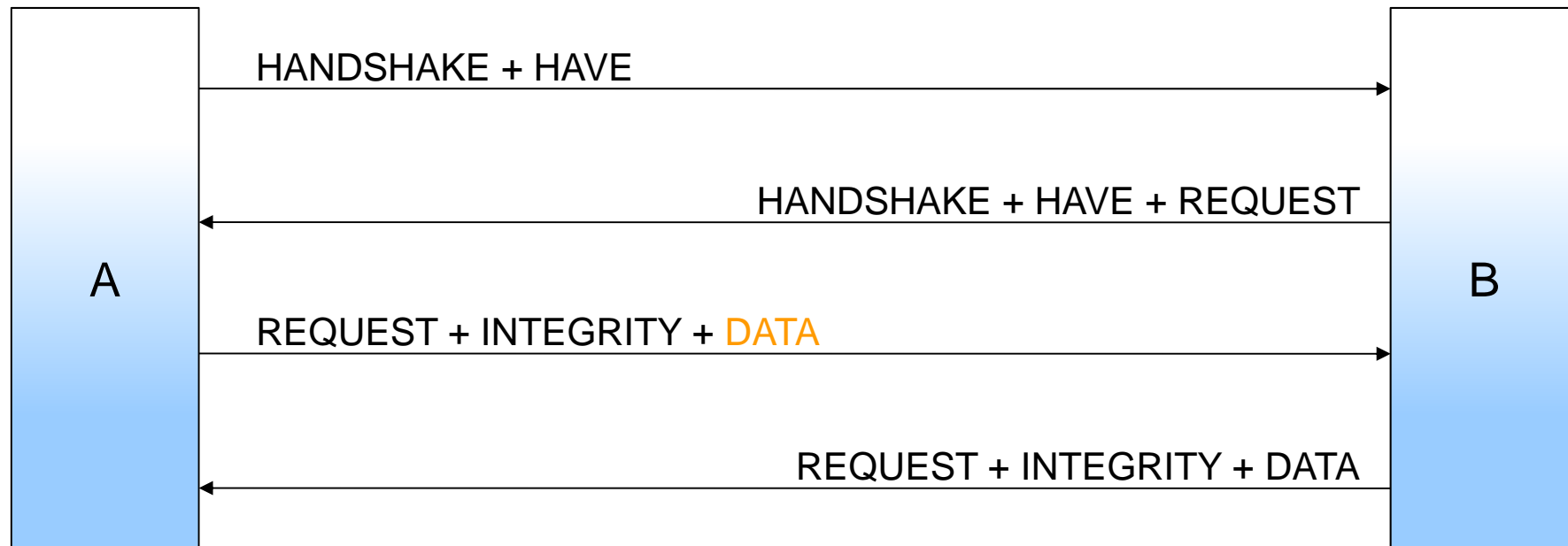
REFRESH: PPSPP MESSAGES

- Basic unit of communication: **Message**
 - HANDSHAKE
 - HAVE: convey chunk availability
 - REQUEST: request chunks
 - DATA: actual chunk
 - INTEGRITY: hashes to enable integrity verification
 - ...
- Messages are **multiplexed** together when sent over the wire.



EXAMPLE PPSPP ON THE WIRE

- Peer A and B both have some chunks:



- Note: **low latency**, data transfer already in 3rd datagram.