

WebRTC - platform work

Jul 21, 2013

Mozilla

<http://>

Project managers:

Dates:

Jun 10, 2013 - Aug 8, 2015

Complete:

0%

Tasks:

63

People:

27

Tasks

Name	Begin date	End date
Persona Integration	6/21/13	8/22/13
Generic identity	8/23/13	9/24/13
Audio recoding (recording api)	6/21/13	7/23/13
Video recording (recording api)	7/24/13	10/25/13
Bug fixes, updates, spec work, helping others - jesup (30%)	6/10/13	10/24/14
Audio latency acceptable	6/17/13	9/12/13
audio latency & pipeline - excellent	9/13/13	12/11/13
AEC that spans all devices	12/12/13	3/11/14
Media performance instrumentation	3/12/14	4/25/14
Global media congestion control	4/28/14	7/24/14
Combined media/data congestion control	7/25/14	10/22/14
Audio latency measurement & backend	8/19/13	9/18/13
Plan for quality eval infrastructure	9/19/13	11/20/13
Implement quality evaluations infrastructure	11/21/13	5/28/14
Multiple simultaneous PCs instrumentation & analysis	5/29/14	6/30/14
Multiple simultaneous PCs working acceptably	7/1/14	9/1/14
Multiple simulatneous PCs - working well	9/2/14	12/4/14
CPU overload control (design & impl)	7/22/13	9/20/13
video performance measurements	7/15/13	9/13/13
Statistics API - basic (telemetry)	7/24/13	8/23/13
gUM constraints	8/26/13	11/27/13
Non-interactive device selection (persistent/named devices)	11/28/13	3/3/14
Implement persistent permissions	3/4/14	5/5/14
Screen sharing implementation	5/6/14	8/7/14
Statistics API - remaining work	8/8/14	11/11/14
UX for non-interactive device selectiona	9/9/13	11/8/13
persistent permissions UI	10/1/13	1/1/14
Screen sharing UX/UI	10/7/13	1/8/14
Full Media Stream support	8/1/13	9/2/13
Decouple video frame from audio frame delivery	9/3/13	12/5/13

Tasks

Name	Begin date	End date
SDP max frame size, impl rfc 6236	7/1/13	8/30/13
Standardization work - abr (40%)	6/10/13	7/3/15
Call set up latency instrumentation & analysis	8/5/13	8/28/13
Improvements to call set up latency	8/29/13	11/1/13
Implement taking deltas in SDP	11/4/13	2/14/14
BUNDLE - signaling	10/13/14	12/12/14
SDP renegotiation (multiflows, 1+audio, 1+video)	10/13/14	4/17/15
Implement Signaling supprt for more than 1 audio + 1 video	12/2/13	10/10/14
Plan & scope signaling support for more than 1 audio/1 video	9/30/13	11/29/13
SDP renegotiation via new offer/answer pair (only 1 audio, 1 video)	7/29/13	9/27/13
Investigating & fixing bug reports form the field including Android help - ehugg (50%)	7/15/13	8/7/15
RTP/RTCP-mux	8/19/13	9/18/13
BUNDLE - transport	11/10/14	1/9/15
ICE state reporting	7/7/14	11/7/14
ICE Unit tests with simulated NAT	1/20/14	7/4/14
Trickle ICE generation	9/16/13	1/17/14
TURN TCP	7/15/13	9/13/13
B2G work, spec work - ekr (50%)	6/10/13	7/3/15
Isolated streams (goes with sec prop ui, persona)	10/2/13	11/1/13
"security properties" UI	7/1/13	10/1/13
Persistent DTLS keys	8/5/13	10/25/13
Detection of network failure	8/19/13	10/18/13
Update ICE/ICE restart	10/21/13	1/22/14
Detailed ICE status reporting to JS	1/23/14	3/26/14
Networking testbed and ICE e2d tests	3/27/14	11/3/14
Build infrastructure to make multiple machine testing work	7/15/13	9/13/13
Full interop testbed (variety of devices)	3/6/14	12/12/14
Networking support for more than 1 audio + 1 video	12/2/13	3/5/14
Implement error reporting behavior	9/30/13	11/29/13
Full suite of mochitests	9/9/13	6/17/14

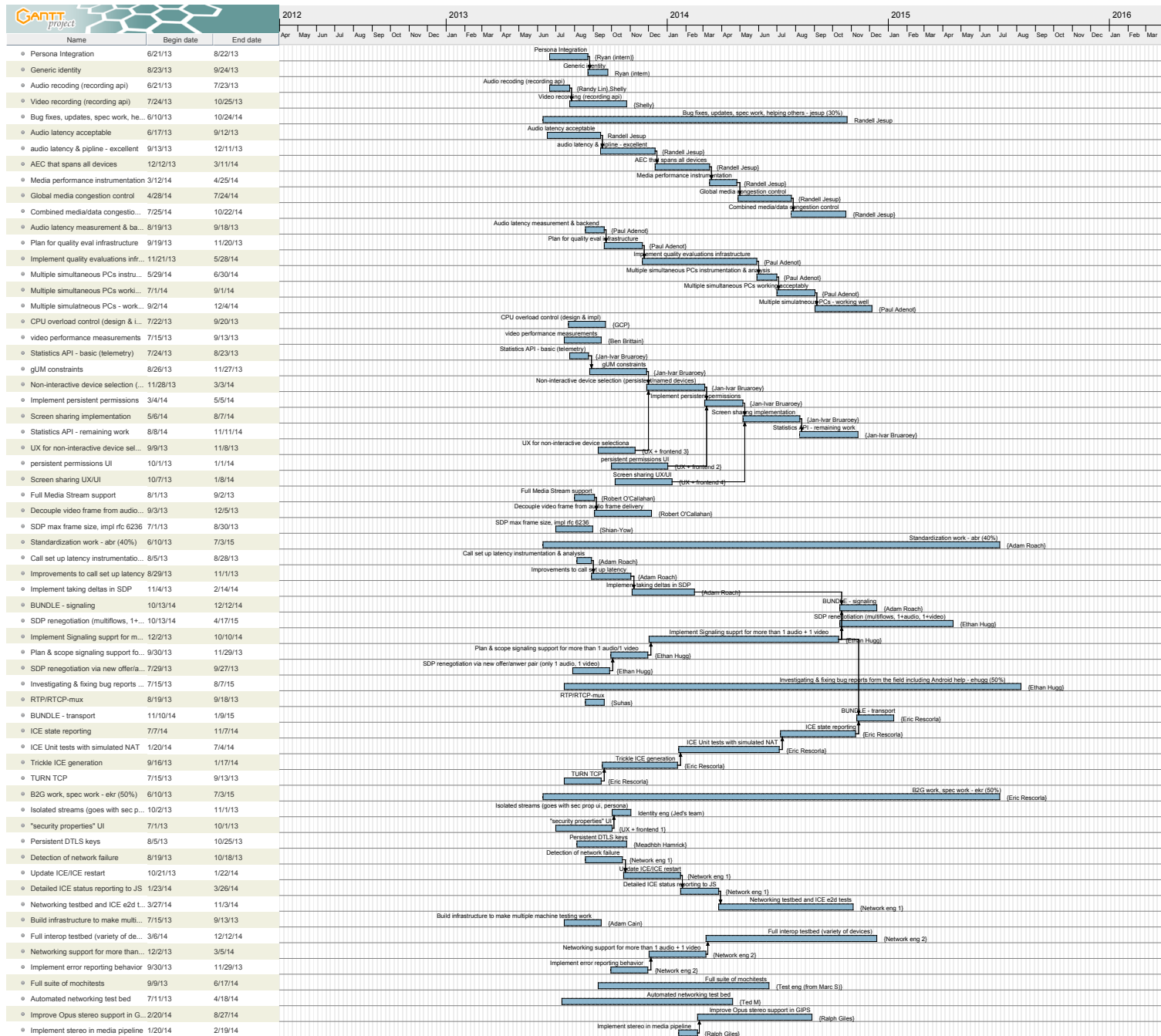
Tasks

Name	Begin date	End date
Automated networking test bed	7/11/13	4/18/14
Improve Opus stereo support in GIPS	2/20/14	8/27/14
Implement stereo in media pipeline	1/20/14	2/19/14

Resources

Name	Default role
Adam Roach	Developer
Ben Brittain	Developer
Ethan Hugg	Developer
Eric Rescorla	Developer
Randell Jesup	Developer
Jan-Ivar Bruaroey	Developer
Meadhbh Hamrick	Developer
Paul Adenot	Developer
Network eng 1	Developer
Network eng 2	Developer
Randy Lin	Developer
Ralph Giles	Developer
Robert O'Callahan	Developer
Ryan (intern)	Developer
Shelly	Developer
Alfredo Yang	Developer
UX + frontend 1	undefined
Adam Cain	Developer
Ted M	Developer
UX + frontend 2	undefined
UX + frontend 3	undefined
UX + frontend 4	undefined
Test eng (from Marc S)	Developer
Identity eng (Jed's team)	Developer
Shian-Yow	Developer
GCP	Developer
Suhas	Developer

Gantt Chart



Resources Chart

