

Second Screen Community Group & Working Group

Berlin F2F May 23-34 2019 - Draft Agenda - PUBLIC DOCUMENT

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Day 1

- Introductions, agenda bashing
- Status update *[Mark Foltz] (30 minutes)*
 - Presentation API
 - Remote Playback API
 - Open Screen Protocol
 - Accomplishments thus far
 - Remaining work on 1.0
 - Implementation status
 - Post 1.0 Roadmap
- Brief Overview of Draft 1.0 Spec (30 minutes) *[Mark Foltz, Peter Thatcher]*
 - [Issue #98: \[Meta\] Open Screen Protocol 1.0 Specification](#)
 - Review of changes landed since TPAC
- Open 1.0 issues: Authentication *[Peter Thatcher] (90 minutes)*
 - Mutual Authentication crypto considerations
 - [Issue #122: \[Auth\] Challenge/Response over TLS](#)
 - [Issue #111: Length of Password](#)
 - Expand on the flows on when the PINs should be shown
 - [Issue #118: \[Security\] UI guidelines for pairing and trusted/untrusted data](#)
 - Simplification of the messages [\[Pull Request\]](#)
 - General security and privacy issues
 - [Issue #130: \[Security\] Review attack and mitigation considerations for TLS 1.3](#)
 - [Issue #131: \[Security\] Mitigations for remote network attackers](#)
 - [Issue #143: \[Protocol\] \[Privacy\] Notify endpoints when new connection is created](#)
 - [Issue #114 \[Auth\]: Trusted Displays](#)

Day 1 Continued

- Open 1.0 issues: Presentation API protocol (30 minutes)
 - [Issue #138: \[Presentation API\] Remove presentation-connection-close-response message](#) and [Issue #137: How should presentation connections handle not receiving close response?](#)
 - [Issue #124: Is a Presentation close/terminate from a controller a request/response or event?](#)
- Streaming, Capabilities, New Features [*Peter Thatcher*] (?? minutes)
 - [Issue #117: \[Protocol\] Support establishment of a streaming session the control protocol](#) [\[Pull Request\]](#)
 - [Define a capabilities mechanism](#) [\[Pull Request\]](#)

Day 2

- Agenda bashing, Day 1 leftovers
- Open 1.0 issues: General protocol issues (30 minutes)
 - Message type IDs & CBOR tags
 - [Issue #139: \[Protocol\] Clarify scoping/uniqueness of request IDs](#)
 - [Issue #145: Watch ID uniqueness](#)
- Open 1.0 issues: Remote Playback protocol (90 minutes)
 - [Issue #3: Requirements: Remote Playback API](#) [\[Pull Request\]](#)
 - [Issue #89: Disconnect/Reconnect of RemotePlayback API](#)
 - [Issue #149: Multiple Controller of Remote Playback](#)
 - [Issue #147: Remote Playback ID Uniqueness](#)
- Open Screen Protocol Library (30 minutes) [*Mark Foltz: slides*]
 - Detailed status update
- Presentation API enhancements (60 minutes)
 - Use with Remote Playback API
 - [Synced Media in Presentation API](#) explainer
 - [Local Presentation Mode](#) explainer
- Remaining streaming topics [*Peter Thatcher*]
- Planning (30 minutes)
 - Review and land PR: [Explainer for Open Screen Protocol](#)
 - Wide Review for Open Screen Protocol
 - Rechartering WG
 - TPAC 2019

Additional issues/topics (as time permits)

- [Issue #135: \[Security\] Propose TLS 1.3 certificate types and extensions for key exchange](#)
- [Issue #146: Remote Playback HTTP headers](#)
- Wake-On-Lan ([Issue #51](#), [Issue #121](#))
- [Issue #94: \[HbbTV\] Semantics of hbbtv: URLs](#)
- [Issue #112: \[Auth\] Revisiting a previously established session](#)