platform: Firefox OS(gonk) branch: Firefox OS 2.2 (gecko37, KK gonk) Gaia side Gecko side - MozCaptureStream() - CreateTrackUnionStream() · MozCaptureStreamUntilEnded() A stream that will form the union of Hold references to the DOM the tracks of its input streams. wrappers for the MediaStreams DOM wrapper for that we're writing to. MediaStreams create This stream processes zero or more input streams in parallel to produce its output. - CreateTrackUnionStream() - CombineWithPrincipal() create - SetCORS Mode() hold reference - GetStream() Represents a connection between a - SetAudioCaptured() ProcessedMediaStream and one of its - AddOutputStream() input streams. - ChangeExplicitBlockerCount() - AllocateInputPort() - AsProcessedStream() - Is Destroyed() - ChangeExplicitBlockerCount(-1) - ChangeExplicitBlockerCount(1) Store ProcessedMediaStream-related data create - ChangeExplicitBlockerCount() - NotifyOutput() - NotifyEvent() MediaDecoder::PlaybackEnded() A stream into which a decoder can write audio and video. create create create - AddAudioTrack() AddTrack() - AppendToTrack() Store all MediaStream-related data - EndTrack() is protected by ReentrantMonitor - TicksToTimeRoundDown() - GetLastOutputTime() DispatchWhenNotEnoughBuffered() - Finish() - GetDecodedStream() - HaveEnoughBuffered() - UpdateStreamBlockingForStateMachinePlaying() - AdvanceKnownTracksTime() - RecreateDecodedStreamIfNecessary() - Microseconds To Stream Time Round Down () Manage the decoding and seeking in the Media Decoder Reader on the decode task queue, and A/V sync on the shared state machine thread, and controls the control audio "push" thread.