



Chromecast App Development

@madclouds @npike

Chromecast Dongle

\$35

Mostly for Video Netflix,
YouTube, Hulu
2+ million units sold

Minified android device
- Browser only



SDK & API

Version 1 - July 2013
- video only

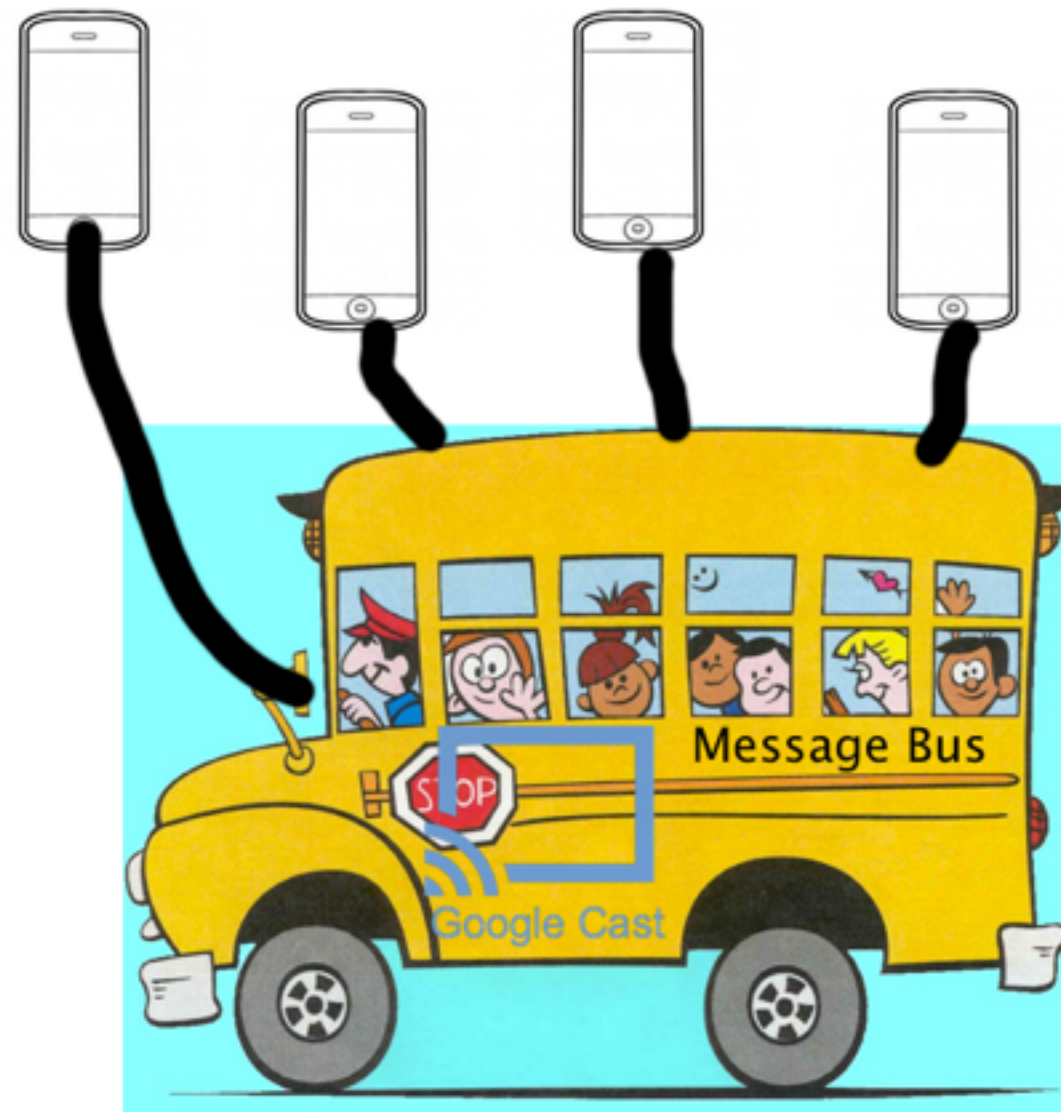
Version 2 - early 2014
- introduce message bus

SDK - <https://developers.google.com/cast/>

API - <https://developers.google.com/cast/docs/reference/>

Library - http://www.gstatic.com/cast/sdk/libs/receiver/2.0.0/cast_receiver.js

Message Bus



Demo Wireframe

Beer Board - Receiver

Beer Baord		
Person	Beer	Rank
Erik	Stone IPA	5
Nick	Blue Moon	4

Beer Board - App

Name

Beer

Yummy?

1 2 3 4 5

Counter - Receiver

5

Nick

5

Erik

Counter - Client

Name

+1

Counter App

Make an app anyone can join
- iOS/Android

Connect to Chromecast

Input Name

One button
- Increase count

Receiver

HTML, CSS, JS

Yeoman - bootstrap

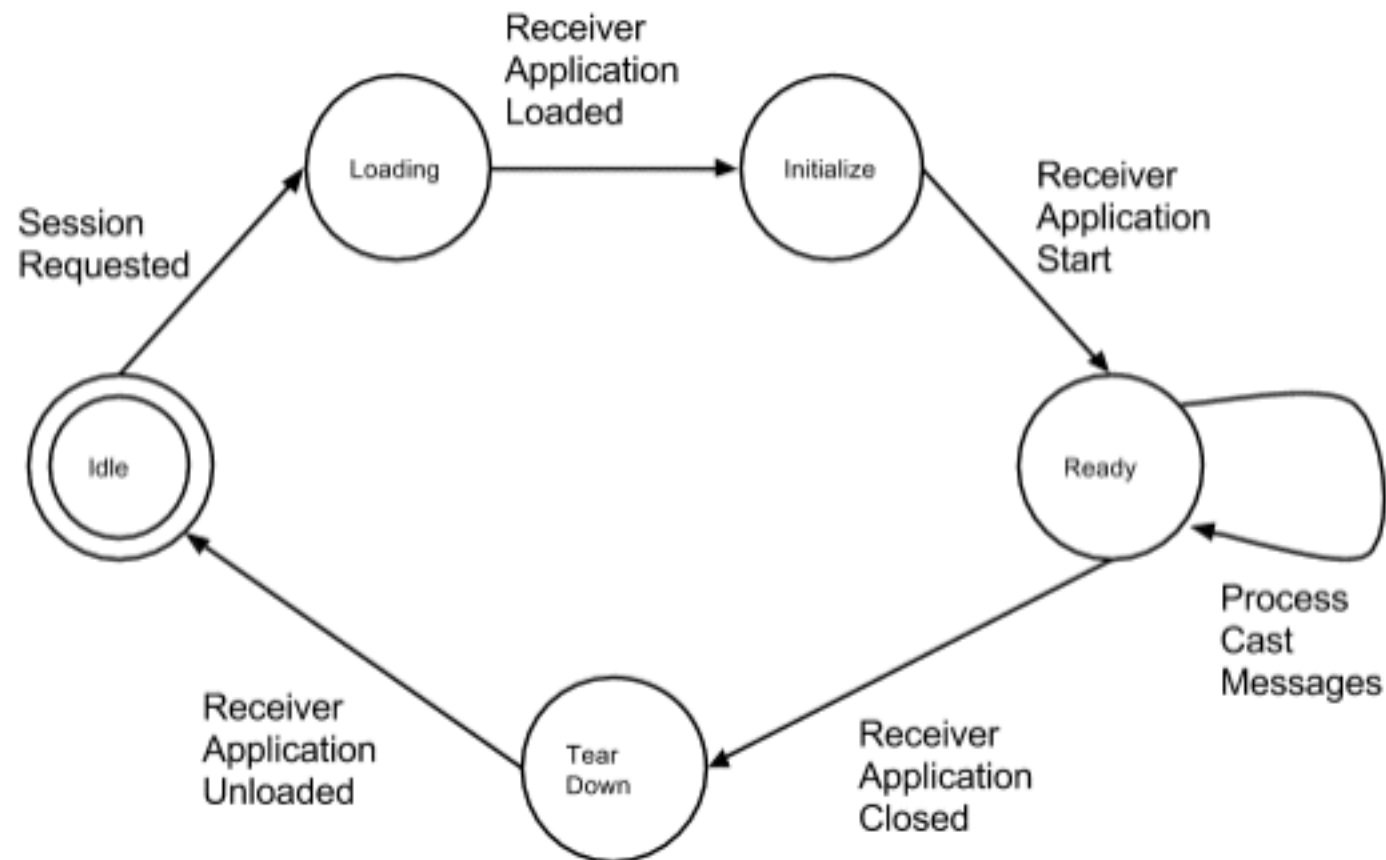
Grunt - task runner

Bower - dependency management

Backbone - MVC

Chromecast Library - chromecast library

Receiver Life Cycle



Android Sender



Beard Cocoon

Pirate Dice

Tappy Birds

Up Down Fish

Countdown

Counter - coming soon

<http://beardcocoon.com>

Source

github.com/BeardCocoon

Receiver
Android Sender
Presentation

Thanks

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