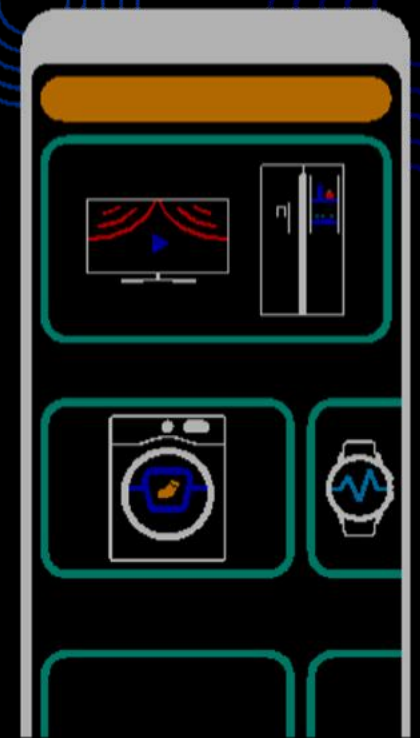
SAMSUNG

Bixby Developers

Office Hours

Building Capsules for the Fridge

February 19th, 2021



Jonathan Pan
Technical Evangelist
Viv Labs / Samsung Bixby
@JohnWithoutTheH

Roger Kibbe
Senior Technical Evangelist
Viv Labs / Samsung Bixby
@RogerKibbe

Introductions

@rogerkibbe

Roger Kibbe

- Senior Technical Evangelist
- Father of two daughters
- UC Berkeley Graduate – Go Bears!

@JohnWithoutTheH

Jonathan Pan

- Technical Evangelist
- Winner of the 2019 Internal Hackathon
- Has too many cats! (meow)

What are we doing?

Porting Your Capsule to the Fridge

- Capsule.bxb
- Simulator
- .bxb land
- Training
- Best practices

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Add this line to your targets

```
capsule {
  store-countries{all}
  id (jonmpan.giffinder)
  version (0.1.29)
  format (3)
  targets {
    target (bixby-mobile-en-US)
    target (bixby-fridge-en-US)
  }
```

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Change target in simulator to bixby-fridge

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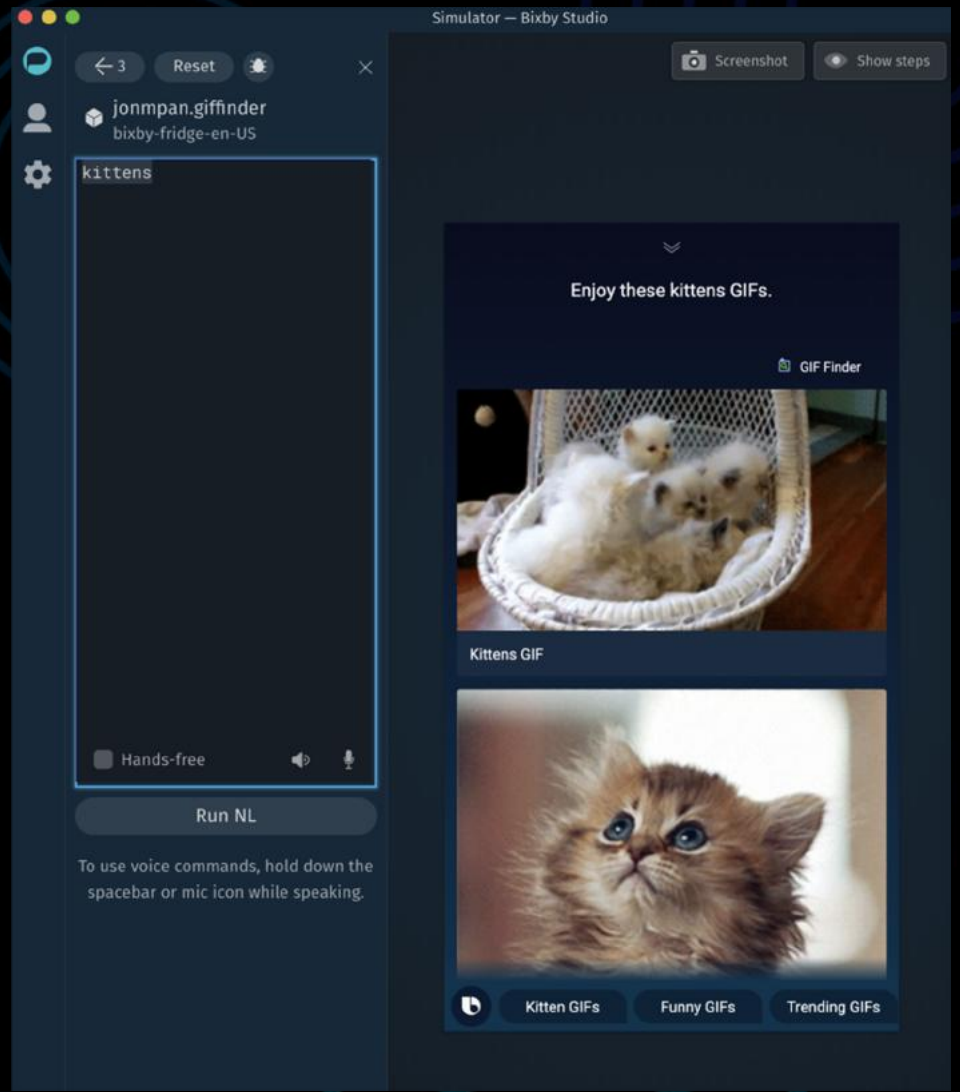
Now the simulator will show a fridge simulation



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Use $can.device to detect if the device is the fridge

```
if ($can.device == 'bixby-fridge'){
  image {
    url("/images/giphy.png")
    style(Detail_M_Soft)
  }
} else {
  image {
    url("/images/giphy.png"){
      light-theme("/images/giphy-black.png")
    }
    style(Detail_M_Soft)
  }
}
```

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You can have fridge specific training

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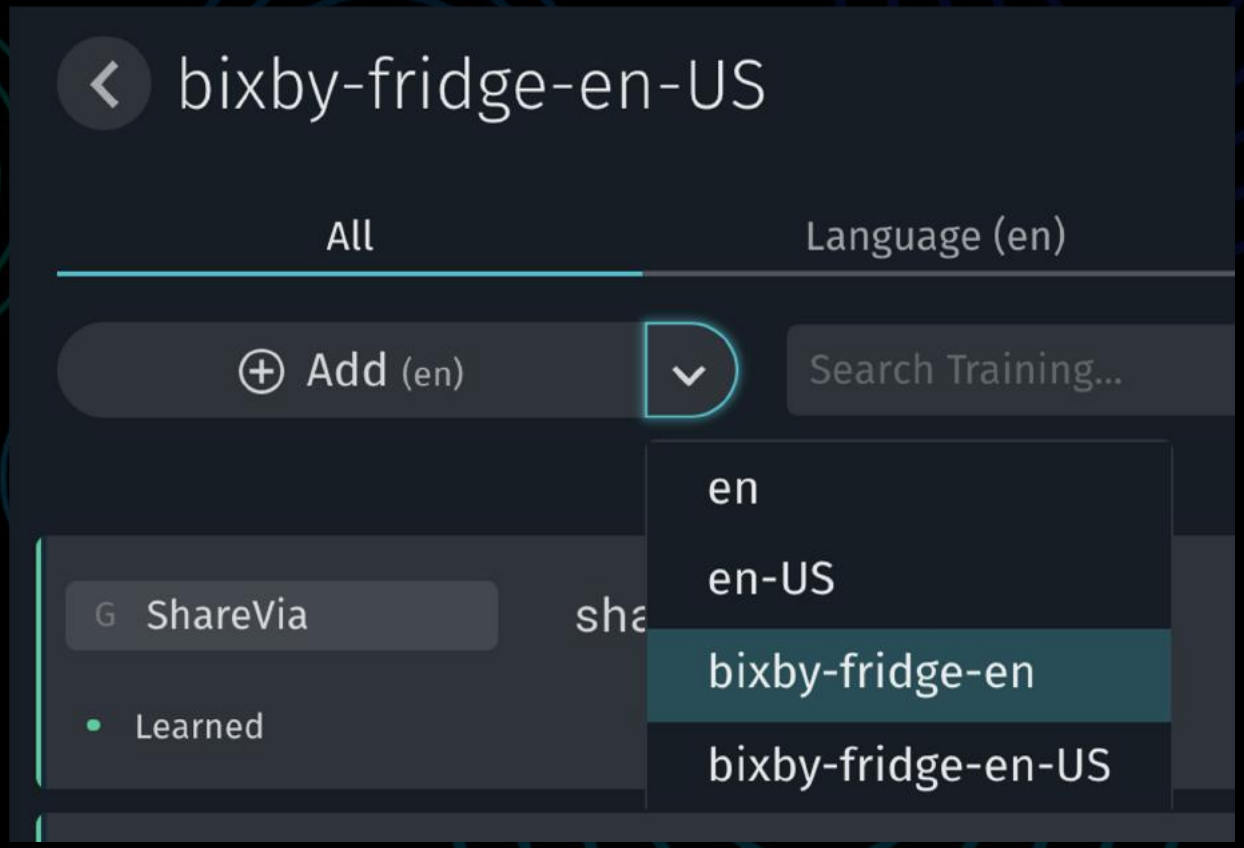
You can have fridge specific training



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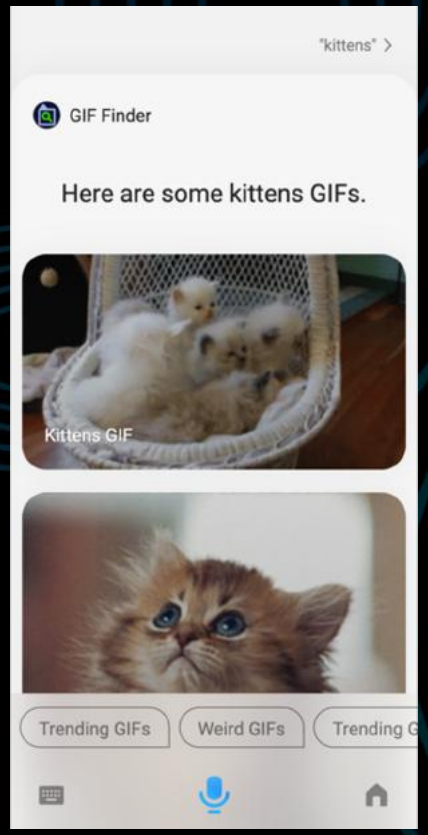
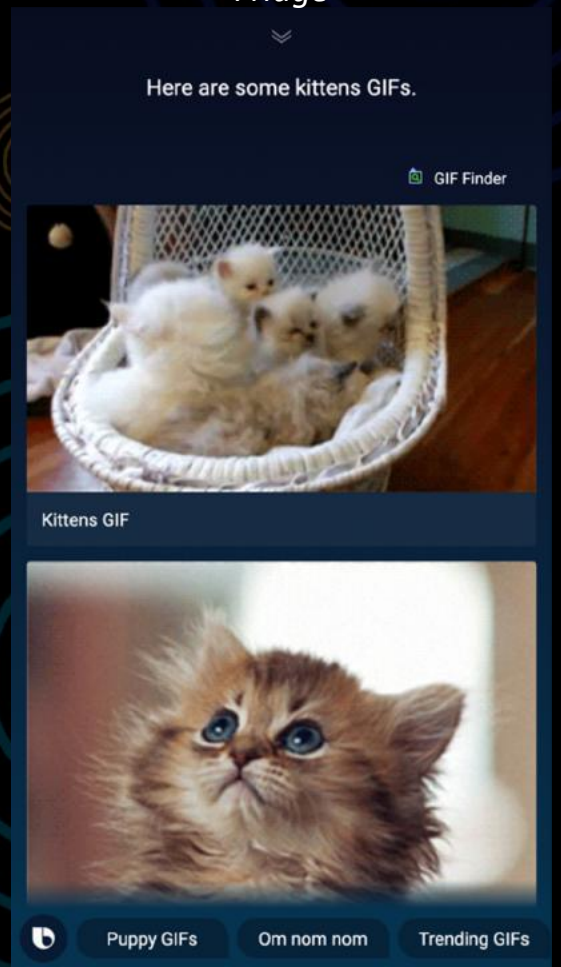
Fridge is very similar to mobile.

Mobile (light theme)



Fridge



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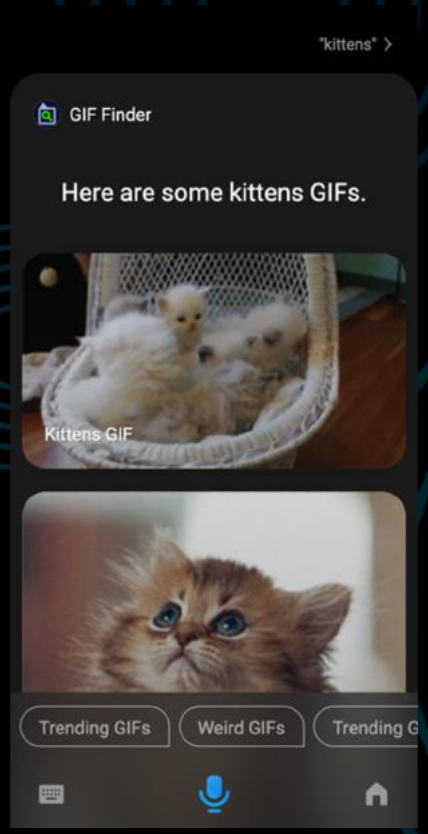
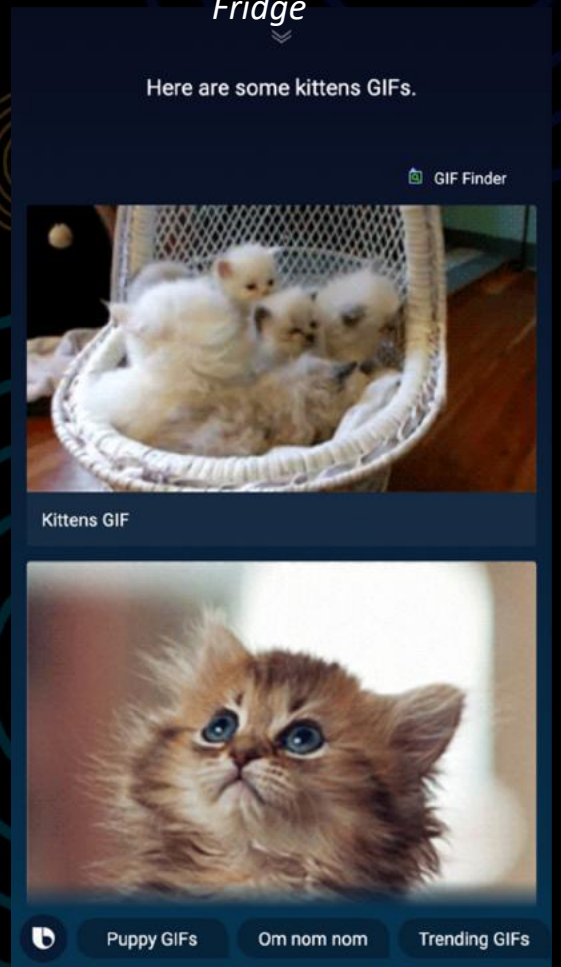
From a UI perspective, it's much more similar to the dark theme on mobile.

Mobile (dark theme)



Fridge



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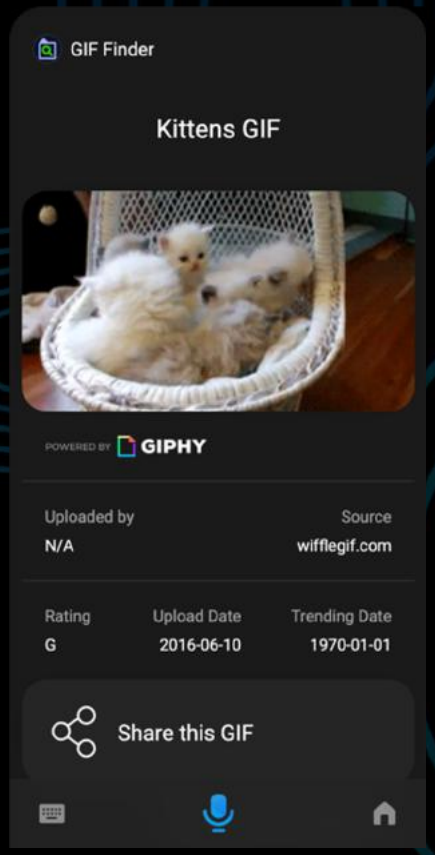
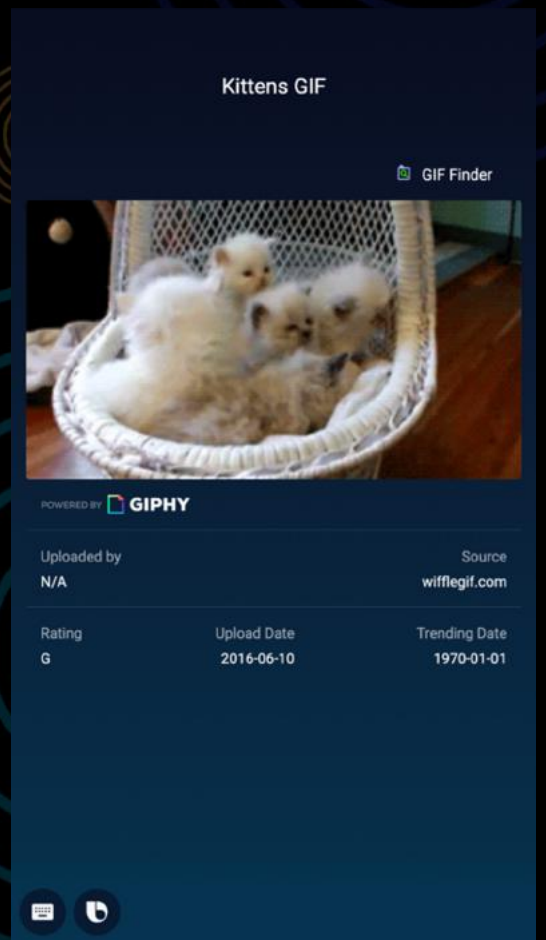
Double check your icons to make sure they look good on the fridge

Mobile (dark theme)



Fridge



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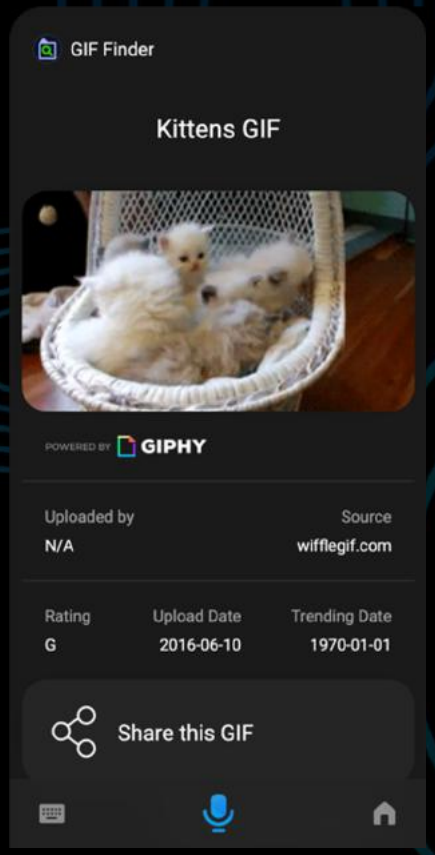
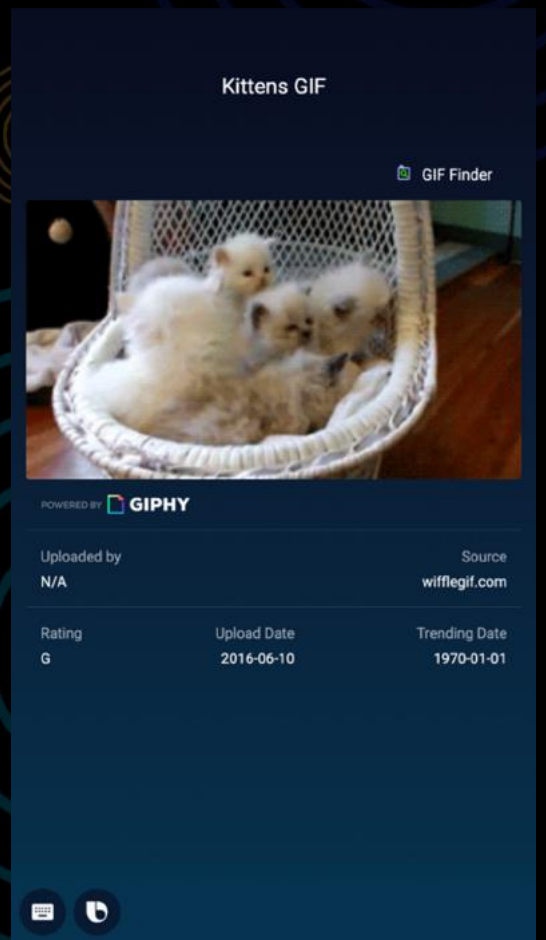
Notice how the fridge doesn't have the "Share this GIF" button
ShareVia does not work on the fridge.

Mobile (dark theme)



Fridge



What else should we consider?

Mobile to Fridge port

- Consider making your capsule more HEF friendly if you haven’t already. People using the fridge will often be talking to it and not tapping it.
- Some library capsules do not work. For the full list, please check bixbydevelopers.com
- You have more “real estate” with the large fridge panel. You can consider including more images in a row as an example.
- For trainings for features that don’t work on the fridge, like shareVia as an example, make those trainings exclusive to the targets that support them.

What to Build for the Fridge?

Cooking

Recipe Finders

What should I cook for dinner tonight?

Find a chicken parmesan recipe

Cook's Assistant

What temperature for medium rare steak?

What's a substitute for baking powder?

Ingredient Helpers

What spices should I use for fried chicken

What do I use Turmeric for?

Games and Fun

Trivia

Start Question of the Day

I want to play a Trivia Game

Simple One Turn

Talk to My Rock, Paper, Scissors

Using Perfect Cartoon, find a dog cartoon

Multi-turn

Ask Escape the Room to Start

Ask Tempest Rising to resume the game

News & Entertainment

Podcasts

Find a podcast about the Golden State Warriors

Play Bixby Developers Chat

News

Play the latest news

Ask Techcrunch to Play

Sports & Entertainment

Ask Sports Boss what's new in the NFL

Ask Movie Critic what is Johnny English Reborn about

Thank you

Jonathan Pan | Technical Evangelist | Twitter: @JohnWithoutTheH

Roger Kibbe| Sr Technical Evangelist | Twitter: @rogerkibbe

Do more with Bixby

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