

Office Hours

Building Capsules for the Fridge

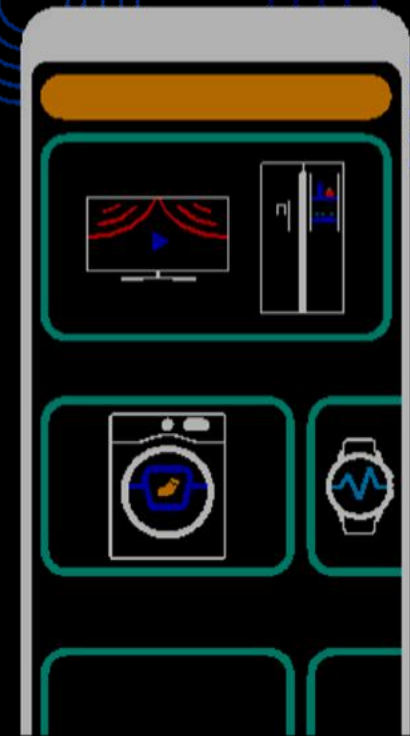
February 19th, 2021

Jonathan Pan

Technical Evangelist
Viv Labs / Samsung Bixby
[@JohnWithoutTheH](#)

Roger Kibbe

Senior Technical Evangelist
Viv Labs / Samsung Bixby
[@RogerKibbe](#)



Introductions



Roger Kibbe

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

@rogerkibbe



Jonathan Pan

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

@JohnWithoutTheH

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

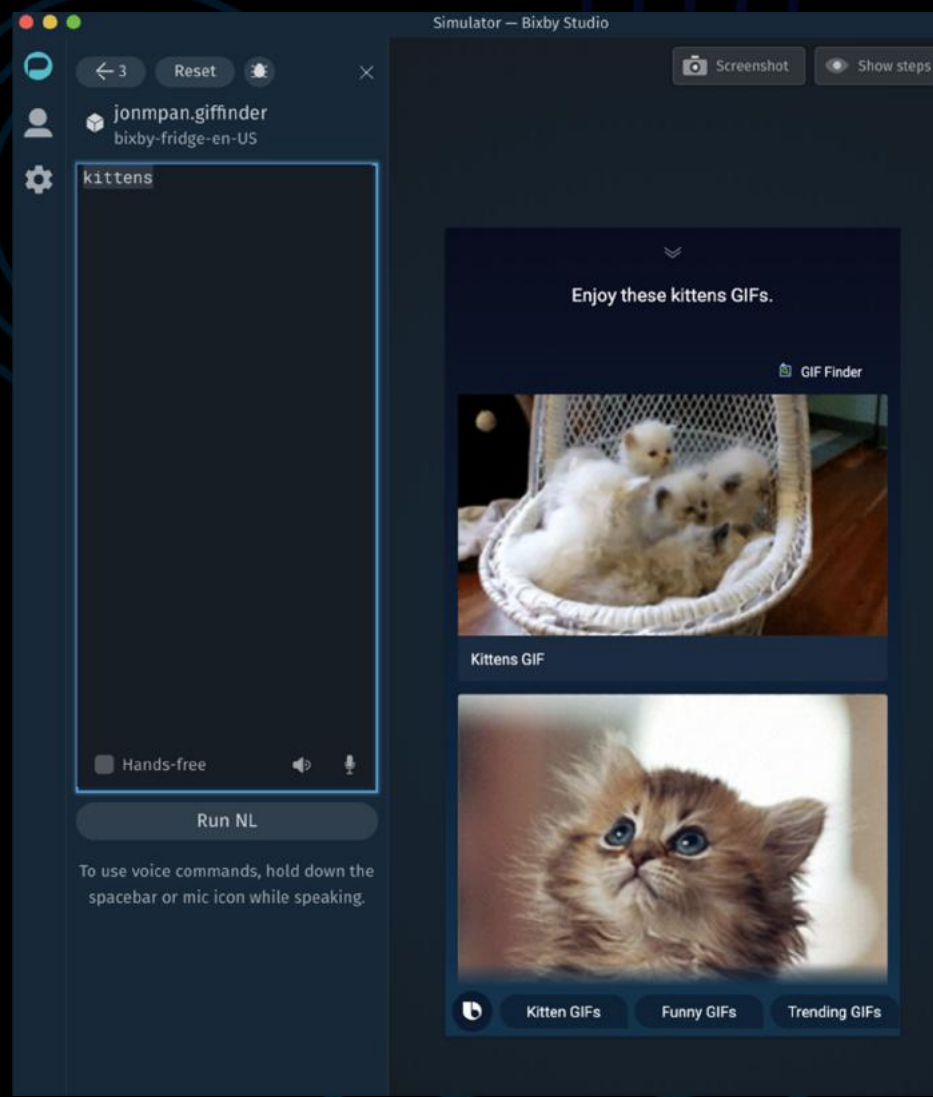


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Now the simulator will show a fridge simulation



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Use `$scan.device` to detect if the device is the fridge

```
if ($scan.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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What are we doing?

Porting Your Capsule to the Fridge

You can have fridge specific training

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

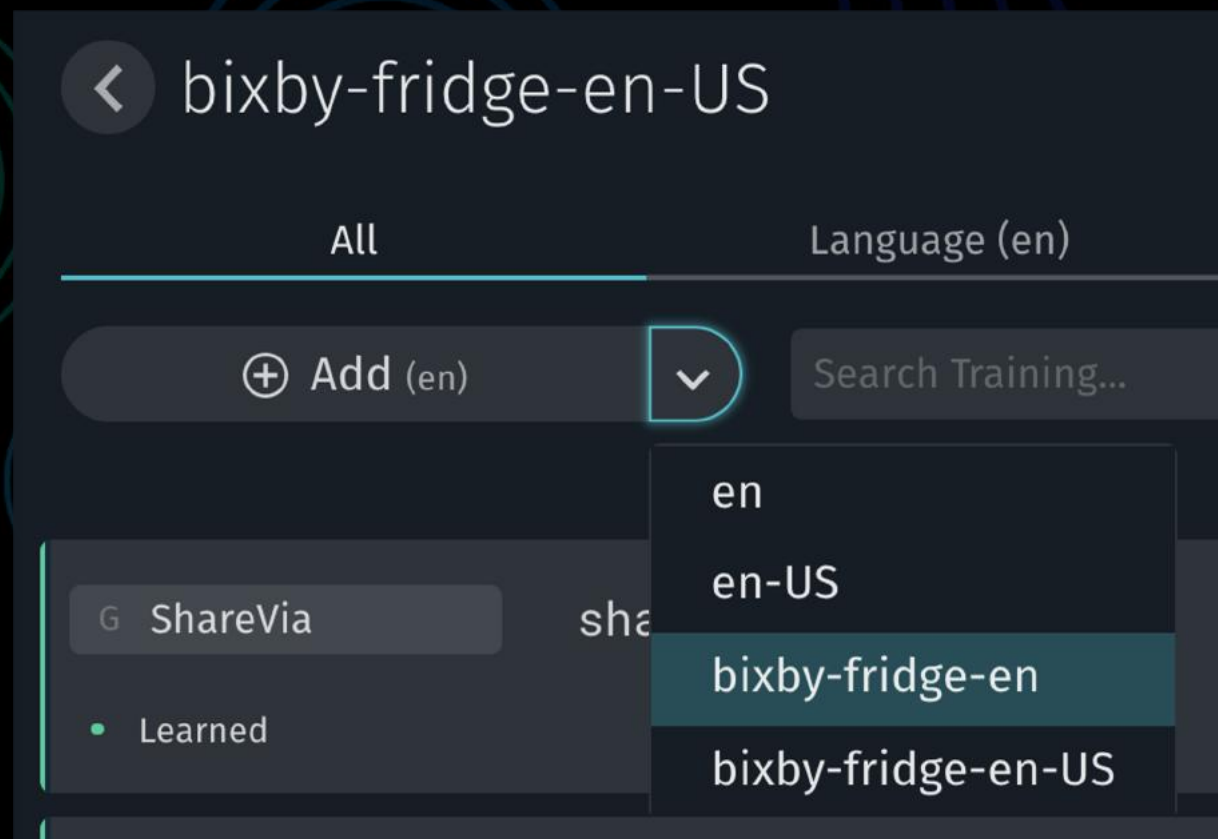
Training Sets			Capsule Targets		
Language	Locale	Device	Learned	Not Learned	Not Compiled
en 0	US 38	mobile 0	bixby-mobile-en-US 38 out of 2000 training entries budget used		
			38	0	0
		fridge 0	bixby-fridge-en-US 38 out of 2000 training entries budget used		
			38	0	0
		watch 0	bixby-watch-en-US 38 out of 2000 training entries budget used		
			38	0	0

What are we doing?

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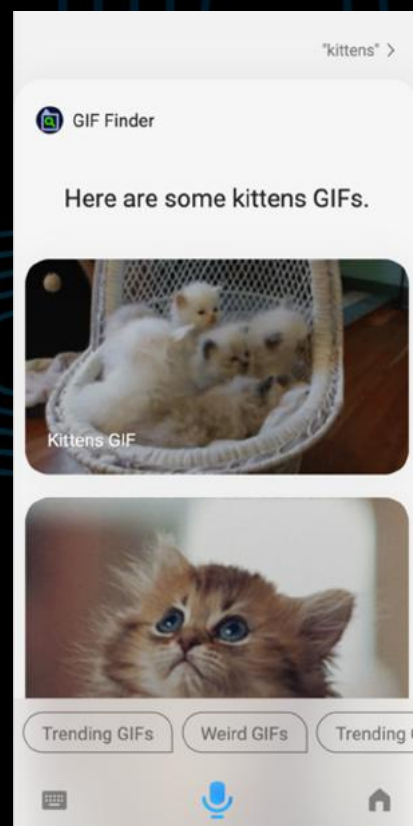
What are we doing?

Porting Your Capsule to the Fridge

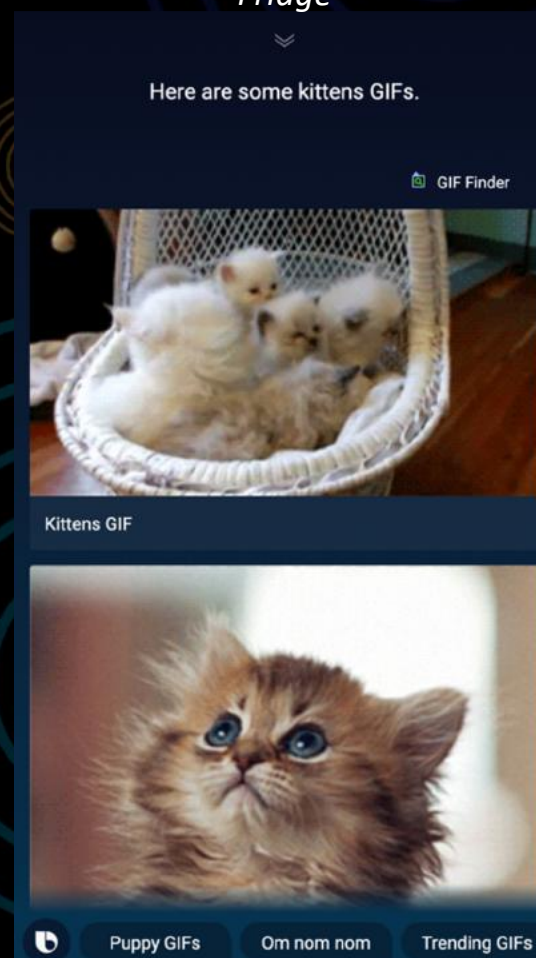
Fridge is very similar to mobile.

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Mobile (light theme)



Fridge

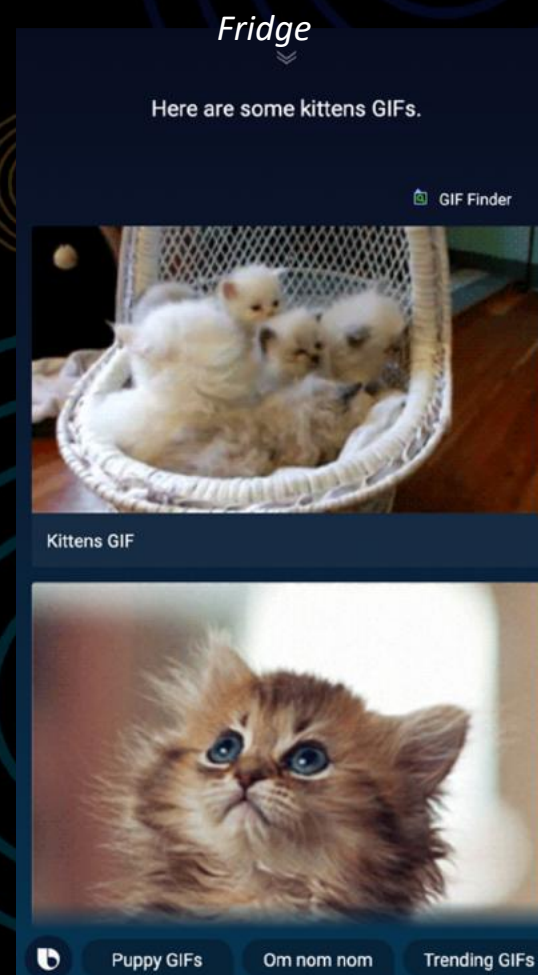
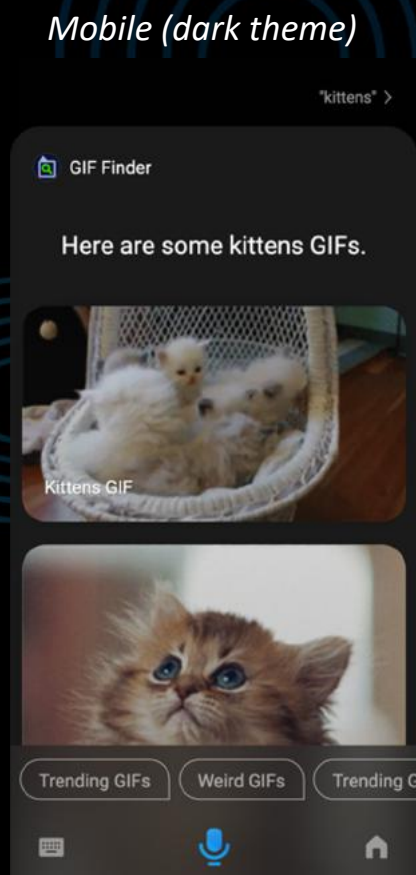


What are we doing?

Porting Your Capsule to the Fridge

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

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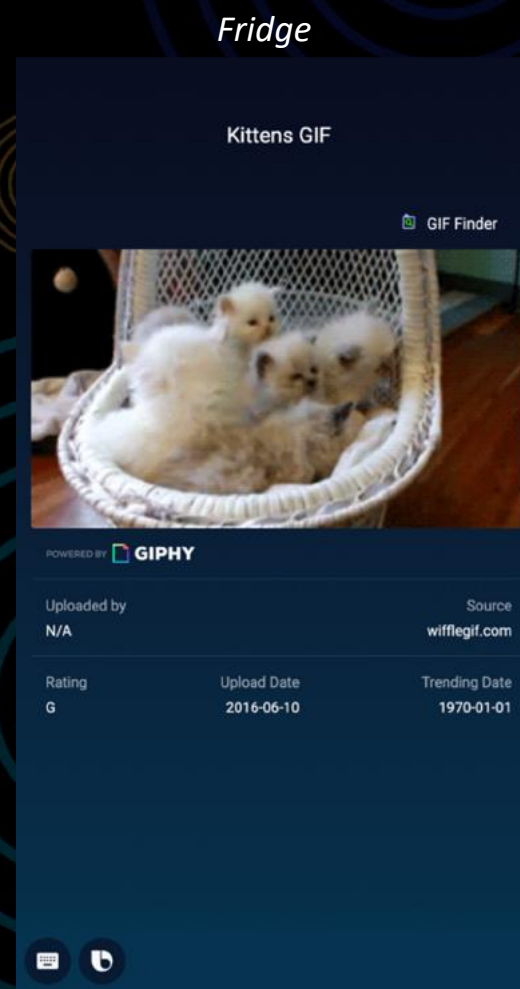
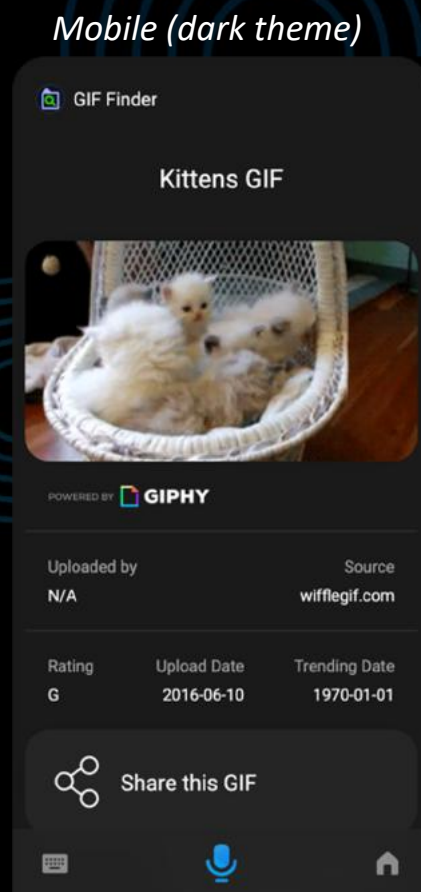


What are we doing?

Porting Your Capsule to the Fridge

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

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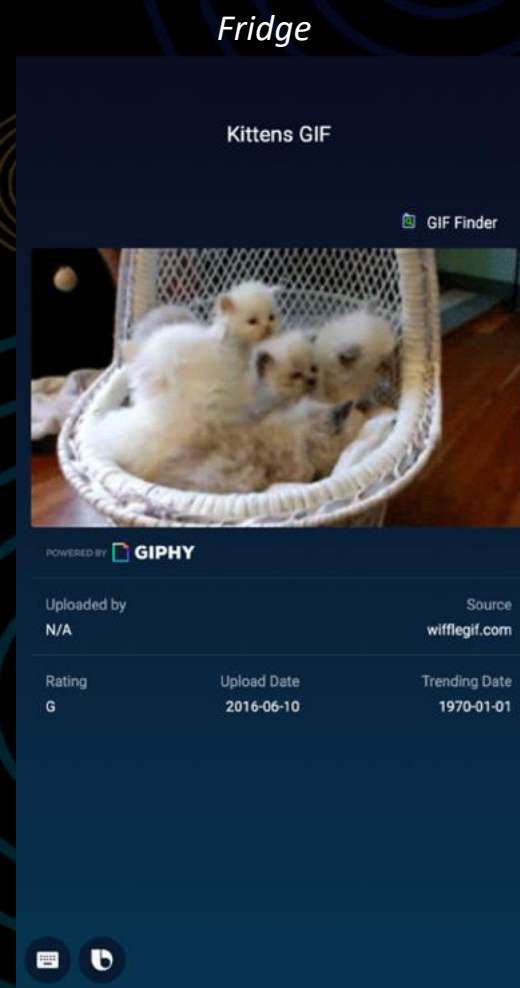
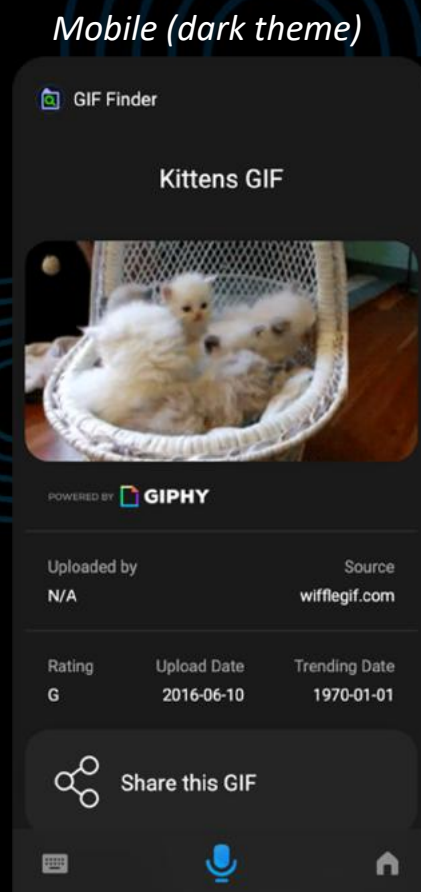


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Porting Your Capsule to the Fridge

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

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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
presentation: bit.ly/bix21921

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Roger Kibbe | Sr Technical Evangelist | Twitter: [@rogerkibbe](https://twitter.com/rogerkibbe)

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