SAMSUNG

Bixby Developers

A Bixby Studio Tutorial

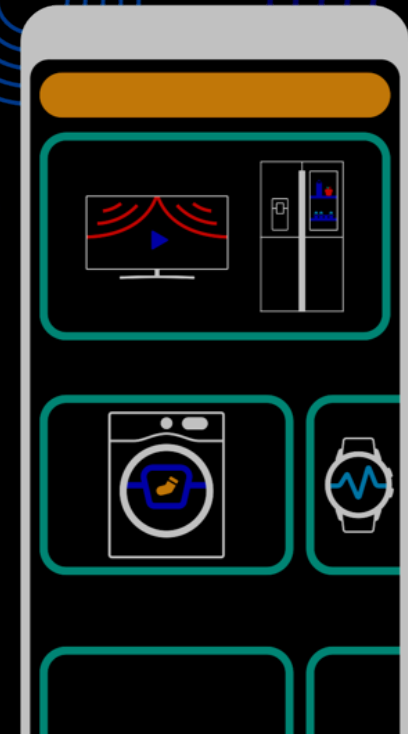# Bixby Capsule Approval Process

Frequent Rejections – Hints and Testing ASR

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Bixby Capsule Approval Process
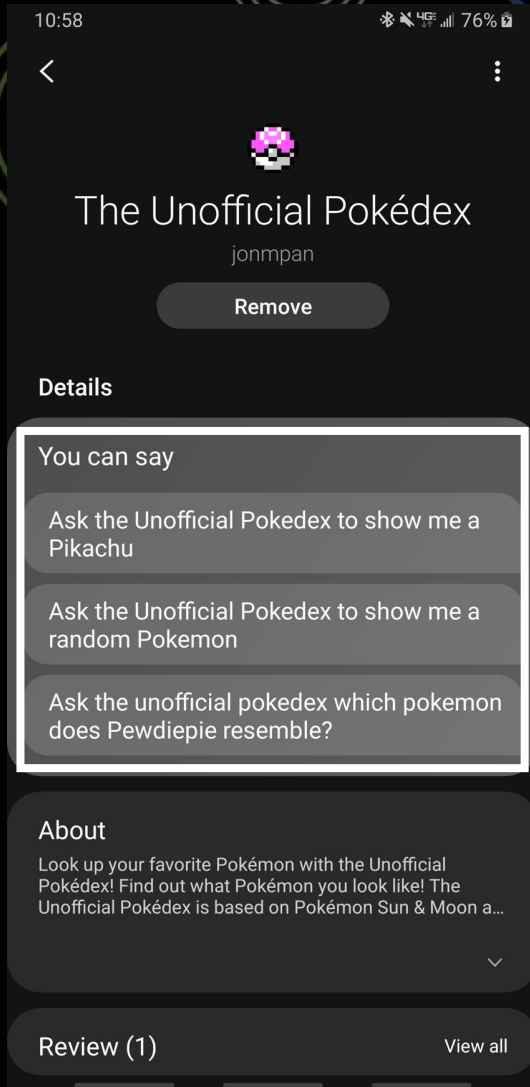
How to get your Bixby Capsule into the Marketplace

Frequent Rejections – Dispatch Names and Dispatch Aliases

Frequent Rejections – Hints and Testing ASR
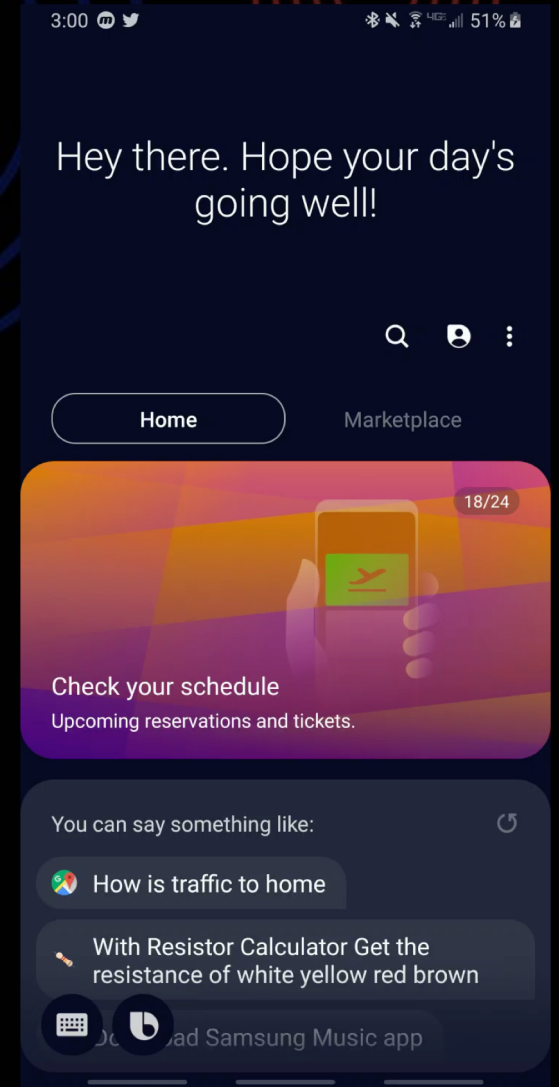
Frequent Rejections – UI/UX

Hints

https://bixbydevelopers.com/dev/docs/reference/type/hints

10:58

<

The Unofficial Pokédex
jonmpan

Remove

Details

You can say

Ask the Unofficial Pokedex to show me a Pikachu

Ask the Unofficial Pokedex to show me a random Pokemon

Ask the unofficial pokedex which pokemon does Pewdiepie resemble?

About
Look up your favorite Pokémon with the Unofficial Pokédex! Find out what Pokémon you look like! The Unofficial Pokédex is based on Pokémon Sun & Moon a...

Review (1)   View all

```
capsule-info.bxb          👁

capsule-info {
  display-name (The Unofficial Pokédex)
  dispatch-name (The Unofficial Pokedex)
```

```
hints.bxb          👁

hints {
  uncategorized {
    hint (Ask the Unofficial Pokedex to show me a Pikachu)
    hint (Ask the Unofficial Pokedex to show me a random Pokemon)
    hint (Ask the unofficial pokedex which pokemon does Pewdiepie resemble?)
    hint (With the unofficial pokedex, which pokemon does Bob Marley resemble?)
    hint (Using the unofficial pokedex, which pokemon does Pewdiepie resemble?)
  }
}
```

3:00

Hey there. Hope your day's going well!

Home   Marketplace

18/24

Check your schedule
Upcoming reservations and tickets.

You can say something like:

How is traffic to home

With Resistor Calculator Get the resistance of white yellow red brown

Download Samsung Music app

Top-level declaration of hints. Hints are used by Bixby to provide users with suggested queries. Hints consist of a named dispatch phrase and a suggested utterance. All hints must have a dispatch phrase associated with it in order to ensure that it goes to the correct capsule.

Hints - Rules

Requires at least 3 hints

Needs to have dispatch-name in it

Must follow one of the acceptable formats

"With Animation Nation, show me some kittens"

"Ask Animation Nation to show me some corgi pictures"

"Using Animation Nation, show me what's trending"

More formats in docs (search Reserved Utterances)

All hints must work in simulator and on-device

All hints must be replicable with voice

Top level utterances to start your capsule. Should not be a command in the middle of your capsule experience.

No Typos

```
capsule-info {
  display-name (Animation Nation)
  dispatch-name (Animation Nation)
```

```
hints.bxb
hints {
  uncategorized {
    hint (With Animation Nation, show me some kittens){
      preferred-hint (Show me some kittens)
    }
    hint (Ask Animation Nation to show me corgi pictures){
      preferred-hint (Show me corgi pictures)
    }
    hint (Using Animation Nation, show me what's trending){
      preferred-hint (Show me what's trending)
    }
  }
}
```

Hints – Testing

Simulator Voice Tests:

- Make sure your hints are ASR friendly

    - Test the whole hint in the simulator to make sure it's ASR friendly

        - *PS. Hint may not behave appropriately since the simulator takes the whole hint as the utterance.*

        - *Test the portion of the hint that gets passed into the capsule to test functionality*

- Test hint Variations

    - Replace common words, plural -> singular, add words like "a" if appropriate, etc.

    - Test different Inputs (if your hints have inputs)

On-Device Voice Tests:

- Do the above tests on device, except with the full hint utterance for starting the capsule. During capsule lock-in moments, test without the full hint utterance.

Thank you

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Do more with Bixby

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