The Dialog of Bots

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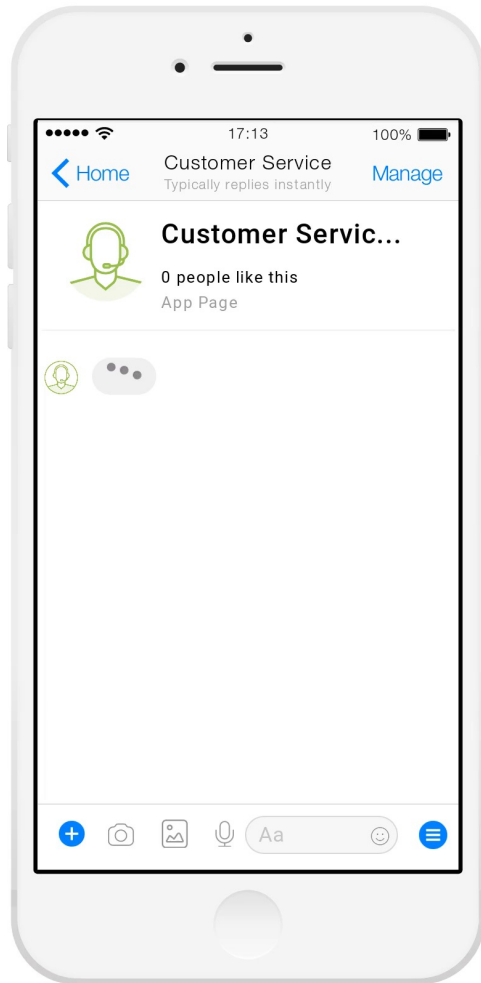
Agenda

What Are Dialogs?

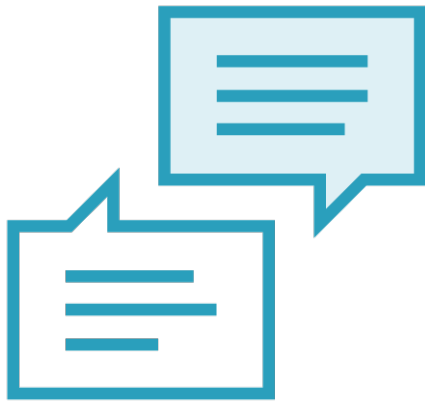**Dialog Pieces**

Dialog Types

Demo

What are Dialogs?

- Conversational abstractions that encapsulate their own states
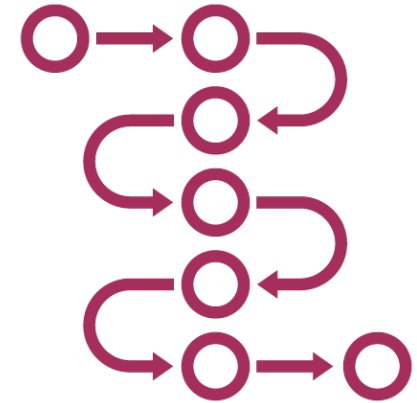- Breaks up conversation into smaller pieces
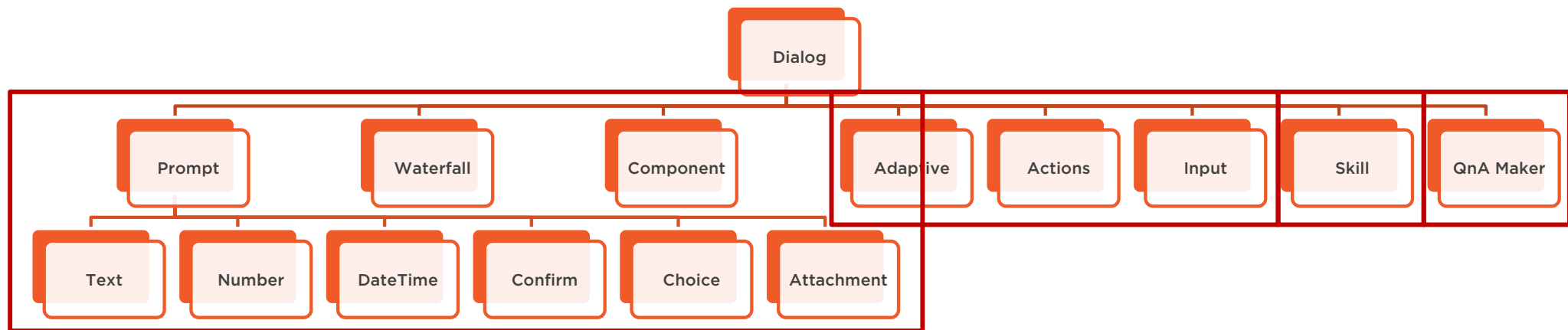- Portable and adhere to SRP

Dialog Pieces

Dialog Sets

Dialog Context

Dialog Results

Dialog Types

Dialog

Prompt

Waterfall

Component

Adaptive

Actions

Input

Skill

QnA Maker

Text

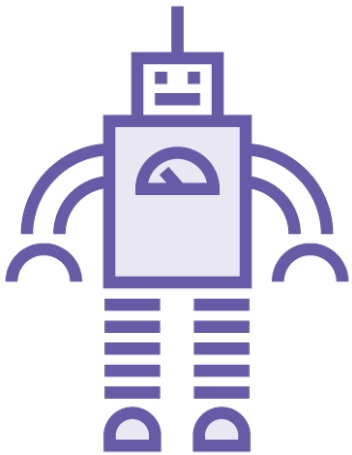Number

DateTime

Confirm

Choice

Attachment

Prompt Dialog Type

- 2 Step Dialog
- Ask for Info
- Evaluate Response
- Subtypes
  - Text
  - Number
  - Datetime
  - Confirm
  - Choice
  - Attachment
- Prompt Options

Prompt Options

Turn

What flavor of ice cream do you want?

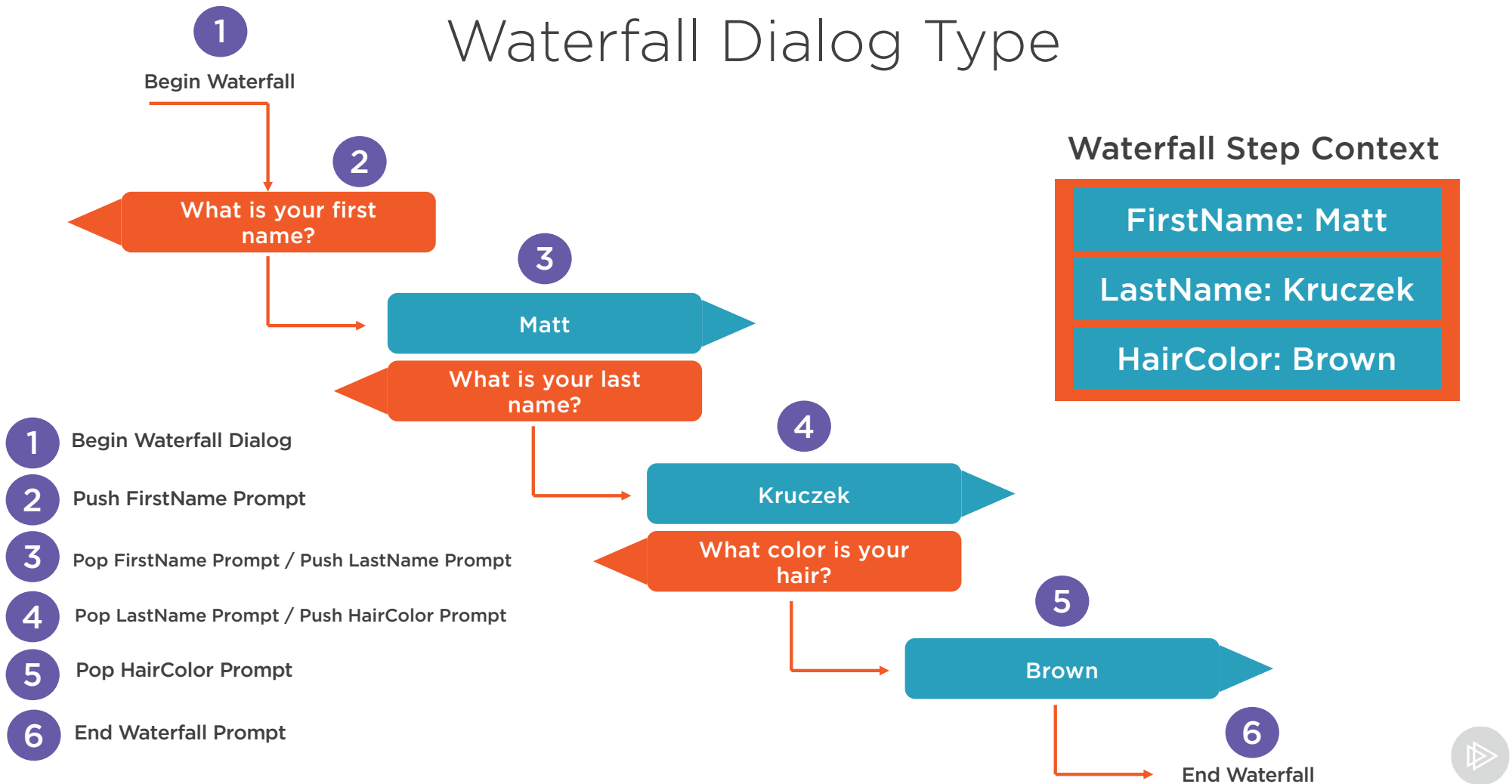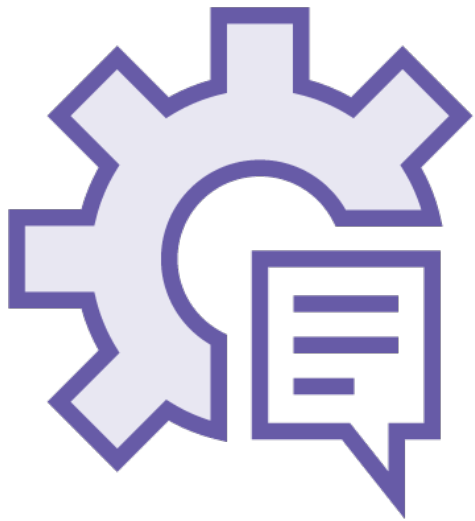| Choice Prompt	
Prompt:	"What flavor of ice cream do you want?"
Retry Prompt:	"Sorry that isn't a valid flavor, please choose again."
Choices:	Chocolate, Vanilla, Strawberry
Validations:	Chocolate, Vanilla, Strawberry

Waterfall Dialog Type

- Use to Guide the User Through a Series of Tasks
- Often Made Up Of Prompt Dialogs
- Waterfall Step Context
  - Values
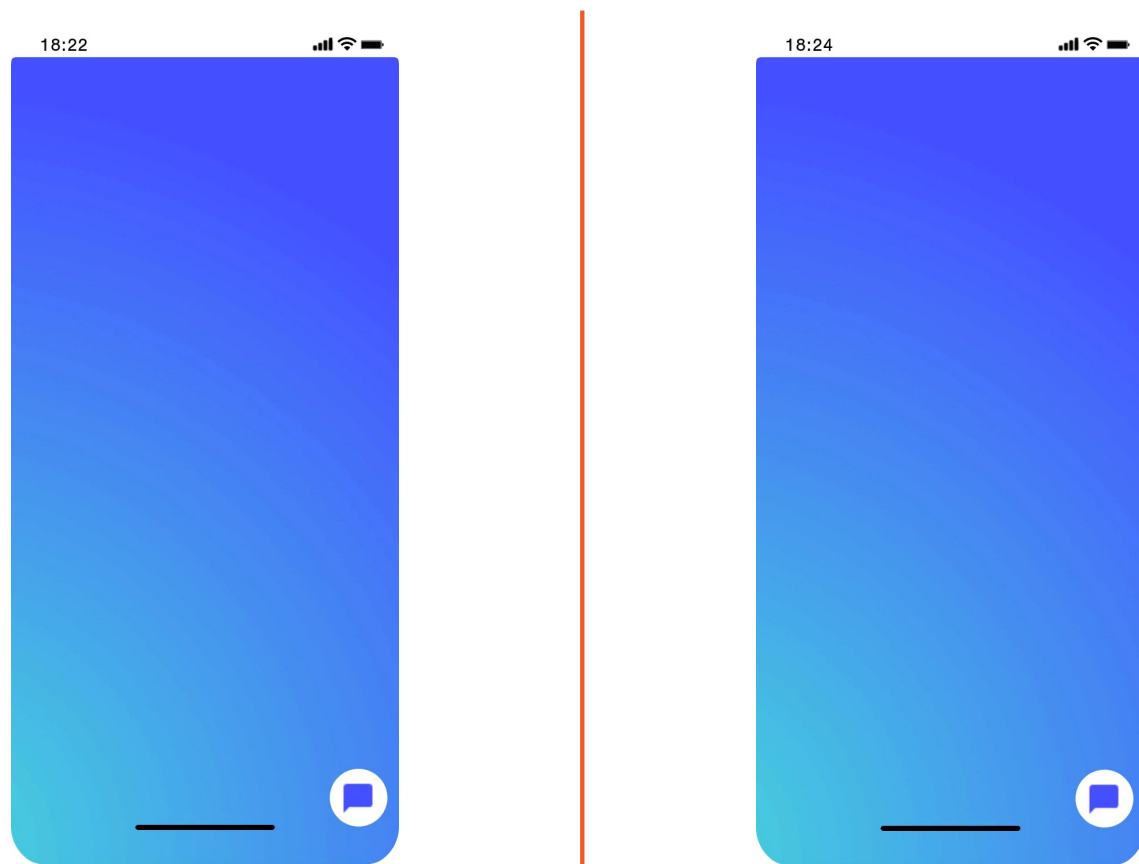 - Result

Waterfall Dialog Type

1 Begin Waterfall

2 What is your first name?

3 Matt

What is your last name?

4 Kruczek

What color is your hair?

5 Brown

6 End Waterfall

Waterfall Step Context

FirstName: Matt

LastName: Kruczek

HairColor: Brown

1 Begin Waterfall Dialog

2 Push FirstName Prompt

3 Pop FirstName Prompt / Push LastName Prompt

4 Pop LastName Prompt / Push HairColor Prompt

5 Pop HairColor Prompt

6 End Waterfall Prompt

Component Dialog Type

– Use to Create a Reusable Series of
Dialogs to Accomplish a Specific Task

Component Dialog Type

Summary

What Are Dialogs?

– Break Up Conversation Into Smaller Pieces

Dialog Pieces

– Dialog Sets

– Dialog Context

– Dialog Results

Dialog Types

– Prompt

– Waterfall

– Component

Demo