Building Great Shortcuts

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Building Great Shortcuts

Configuration
Discoverability
Input and output
Building Great Shortcuts

Configuration

Discoverability

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Discoverability

Input and output
Order 1 Clam Chowder for delivery to Delivery Location
Show More
Order 1 Clam Chowder for delivery to Delivery Location
Order 1 Clam Chowder for delivery to Delivery Location
Order 1 Clam Chowder for delivery to Delivery Location
Order 1 Clam Chowder for delivery to Delivery Location
Order 1 Clam Chowder for delivery to Delivery Location
Order 1 Clam Chowder for delivery to Delivery Location
Order 1 Clam Chowder for delivery to Delivery Location

Show Less

Toppings
**Order Soup**

**Input Parameter**
- None

**Key Parameter**
- Soup

**Supported Combinations**
- soup, quantity, toppings, orderType, deliveryLocation
- soup, quantity, toppings, orderType, storeLocation
- soup, quantity, toppings, orderType

**Summary**
- Order Quantity Soup for Order Type to Delivery Location

**Preview**
- APP NAME
- Order Quantity Soup for Order Type to Delivery Location

**More Options**
- Toppings
Supported Combinations

soups, quantity, toppings, orderType, deliveryLocation
soups, quantity, toppings, orderType, store...
soups, quantity, toppings, orderType

Summary
Order quantity soup for orderType to deliveryLocation

Parameters not included in the summary will be available to the user under "Show More".

Preview

Order Quantity Soup for Order Type to Delivery Location

More Options
Toppings
Order 1 Clam Chowder for delivery to Delivery Location
Order 1 Clam Chowder for pickup from Store Location
Order 1 Clam Chowder for delivery to Delivery Location
Discoverability

Your app
INUIAddVoiceShortcutButton

Order History

Tomato Soup

QUANTITY
1

TOPPINGS
Cheese
Red Pepper
Croutons

TOTAL
$2.95

Add to Siri
INUIAddVoiceShortcutButton
Add to Siri

Add a custom phrase Siri can use to tell Soup Chef to run this shortcut.

When I say:
Order Soup

Do:
Order 1 Tomato Soup for delivery

Add to Siri
Add to Siri

When I say:

Order Soup

Do:

Order 1 Tomato Soup for delivery

Add to Siri
intent.suggestedInvocationPhrase = "Order Soup"
Add to Siri

Add a custom phrase Siri can use to tell Soup Chef to run this shortcut.

When I say:
Order Soup

Do:
😊
Order 1 Tomato Soup for delivery

Add to Siri
Add to Siri

Add a custom phrase Siri can use to tell Soup Chef to run this shortcut.

When I say:
Order Soup

Do:
Order 1 Tomato Soup for delivery

Add to Siri
Add to Siri
Add a custom phrase Siri can use to tell Soup Chef to run this shortcut.

When I say:
Order Soup

Do:
Order 1 Tomato Soup for delivery
Do:

Order 1 Tomato Soup for delivery

intent.soup = .tomato
intent.quantity = 1
Add to Siri

Add a custom phrase Siri can use to tell Soup Chef to run this shortcut.

When I say:

Order Soup

Do:

😊
Order 1 Tomato Soup for delivery

Add to Siri
Add to Siri

Add a custom phrase Siri can use to tell Soup Chef to run this shortcut.

When I say:
Order Soup

Do:
Order 1 Tomato Soup for delivery

Add to Siri
Add to Siri

Add a custom phrase Siri can use to tell Soup Chef to run this shortcut.

When I say:
Order Soup

Do:
Order 1 Tomato Soup for delivery

Add to Siri
Order 2 Tomato Soup for delivery to Delivery Location
Order 2 Tomato Soup for delivery to Delivery Location
Discoverability

Shortcuts app
<table>
<thead>
<tr>
<th>Order</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clam Chowder</td>
<td>With croutons and red pepper</td>
</tr>
<tr>
<td>Tomato Soup</td>
<td>With cheese</td>
</tr>
<tr>
<td>Clam Chowder</td>
<td>With croutons and red pepper</td>
</tr>
</tbody>
</table>
Order Clam Chowder
With croutons and red pepper

Order 1 Tomato Soup
With cheese

Order 1 Clam Chowder
With croutons and red pepper
INVoiceShortcutCenter.shared.setShortcutSuggestions(
    [
        INShortcut(intent: orderClamChowder),
        INShortcut(intent: orderTomatoSoup)
    ]
)
let interaction = INInteraction(intent: soupIntent, response: nil)
interaction.donate(completion: nil)
Tell the system when the user does things, and what they did

```swift
let interaction = INInteraction(intent: myIntent, response: nil)
interaction.donate(completion: nil)
```
Donation

Allows devices to make suggestions based on user activity

Private and on-device machine learning

Displayed on the Lock Screen, Search, and Shortcuts app
Donation

Allows devices to make suggestions based on user activity

Private and on-device machine learning

Displayed on the Lock Screen, Search, and Shortcuts app

Introduction to Siri Shortcuts

Siri Shortcuts on the Siri Watch Face
New Shortcut

Create a shortcut to actions you do in your apps every day.

Add Action

Help
Suggestions
Based on how you use your iPhone.

Order Soup
Tomato Soup
Clam Chowder

Start Call
All
Contact
Suggestions
Based on how you use your iPhone.

Order Soup

- Tomato Soup
- Clam Chowder
Suggestions
Based on how you use your iPhone.

Order Soup

- Tomato Soup
- Clam Chowder
Key Parameter: soup

Defines which parameter to show suggestions for in the “Add Action” sheet.
let intent = OrderSoupIntent()
intent.soup = .clamChowder

let interaction = INInteraction(intent: intent, response: nil)
interaction.donate(completion: nil)
let intent = OrderSoupIntent()
intent.soup = .clamChowder

let soupImage = INImage(uiImage: UIImage.clamChowder)
intent.setImage(soupImage, forParameterNamed: ".soup"

let interaction = INInteraction(intent: intent, response: nil)
interaction.donate(completion: nil)
Suggestions
Based on how you use your iPhone.

Order Soup
1
Tomato Soup
Clam Chowder

Start Call
1
All
Contact
Input and Output
StickyNote
New Shortcut

Find sticky note named WWDC
Show More

Add Drink some soup to Note
Show More

Search for apps and actions
Cancel
Custom Intent

Category: Find
Title: Find Sticky Note
Description: Finds a sticky note by name
Default Image: None
Confirmation: User confirmation required

Parameters

Parameter: name
Display Name: Name
Type: String
Array: Supports multiple values
User-facing: Yes
User can supply value in Siri and Shortcuts app
Dynamic Options: No
Valid values are provided dynamically

Relationship
Parent Parameter: None

Input
Default Value
Multiline: Displays multiple lines of editable text

Keyboard
Capitalization: None
Autocorrect: Disable autocorrect
Smart Quotes: Disable smart quotes
Select a Magic Variable

Find sticky note named WWDC

Add Text to Choose Variable

Show More
New Shortcut

Find sticky note named WWDC
Show More

Add Text to Choose Variable
Show More

Search for apps and actions Cancel
Input Parameter: note

If compatible, the output of the preceding action will be filled into this parameter.

Supported Combinations:
- text, note

Summary:
Add text to note

Parameters not included in the summary will be available to the user under "Show More".
New Shortcut

Find sticky note named **WWDC**

Show More

Add Text to Note

Show More

Search for apps and actions

Cancel
Summary

- Configuration
- Discoverability
- Input and output
Summary

Configuration
Discoverability
Input and output
Summary

Configuration

Discoverability

Input and output
Summary

Configuration

Discoverability

Input and output
More Information

developer.apple.com/wwdc19/805