Introducing SiriKit

“Hey Siri, say hello to apps”

Session 217

Robby Walker SiriKit Engineering
Brandon Newendorp SiriKit Engineering
Corey Peterson SiriKit Design
Agenda

SiriKit
Agenda

SiriKit

Extensions
Agenda

SiriKit
Extensions
Design
“Who is Siri”
tap to edit

That’s me!
Give me a pick up line

You auto-complete me.
"Add the Bash to my calendar from 7 to 10 PM on Thursday"
“Hey Siri, send a UnicornChat message”
“Hey Siri, send a UnicornChat message”
“Hey Siri, send a UnicornChat message”

To whom?

“Celestra”
“Hey Siri, send a UnicornChat message”

To whom?

“Celestra”

What do you want to say to Celestra?
“Hey Siri, send a UnicornChat message”

To whom?

“Celestra”

What do you want to say to Celestra?

“Let’s add more sparkle transitions”
“Send a message to Celestra on UnicornChat”
“Send a message to Celestra on UnicornChat”

What do you want to say to Celestra?

“Let’s add more sparkle transitions”
“UnicornChat Celestra let’s add more sparkle transitions”
“独角兽快信 发信息给麒麟说 我们再加点闪亮的过渡效果吧”
“Hey Siri, can you please do me a favor and launch the UnicornChat app to send a text with the message let’s add more sparkle transitions”
“Hey Siri, can you please do me a favor and launch the UnicornChat app to send a text with the message let’s add more sparkle transitions”

To whom?

“My very best friend Celestra”
What can I help you with?
What can I help you with?
SiriKit and Your App
SiriKit and Your App

Quality
SiriKit and Your App

Quality
Consistency
SiriKit and Your App

Quality
Consistency
Easy to adopt
SiriKit and Your App

Quality
Consistency
Easy to adopt
Speech
Speech → Intent
Speech — Intent — Action
Vocabulary

Speech — Intent — Action — Response

Vocabulary
Vocabulary

Logic

Speech

Intent

Response

Action
“Hey Siri, send a UnicornChat message to Celestra”

What do you want to say to Celestra?

“Let’s add more sparkle transitions”
“Hey Siri, send a UnicornChat message to Celestra”
“Hey Siri, send a UnicornChat message to Celestra”
“Hey Siri, send a UnicornChat message to Celestra”
“Hey Siri, send a UnicornChat message to Celestra”
“Hey Siri, send a UnicornChat message to Celestra”

What do you want to say to Celestra?

“Let’s add more sparkle transitions”
“Hey Siri, send a UnicornChat message to Celestra”

What do you want to say to Celestra?

“Let’s add more sparkle transitions”
Domain: Messages
Intent: sendMessage
Recipient: Celestra
Content: Let’s add more sparkle transitions
Speech
Intent
Action
Response

Vocabulary
App Logic
User Interface

Here's your UnicornChat message:

To: Celestra

Let's add more sparkle transitions

Cancel  Send
SiriKit
SiriKit

Simple
SiriKit

Simple

Powerful
Speaking Siri’s Language

Brandon Newendorp SiriKit Engineering
Speaking Siri’s Language
Speaking Siri’s Language

Siri works in **domains**
Speaking Siri’s Language

Siri works in **domains**

- Messaging
- VoIP calling
- Payments
- Workouts
- Ride booking
- Photo search
Speaking Siri’s Language

Siri works in **domains**

Messaging, VoIP calling, Payments, Workouts, Ride booking, Photo search

Group of known actions, or **intents**
Speaking Siri’s Language

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”
Speaking Siri’s Language

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”

Domain: Payments
Speaking Siri’s Language

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”

Domain: Payments  Intent: sendPayment
Speaking Siri’s Language

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”

Domain: Payments  Intent: sendPayment  App: UnicornPay
Speaking Siri’s Language

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”

Domain: Payments
Intent: sendPayment
App: UnicornPay
Payee: Buttercup
### Speaking Siri’s Language

**“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”**

<table>
<thead>
<tr>
<th>Domain: Payments</th>
<th>Intent: sendPayment</th>
<th>App: UnicornPay</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Payee: Buttercup</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Amount: 85</td>
</tr>
</tbody>
</table>
Speaking Siri’s Language

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”

Domain: Payments
Intent: sendPayment
App: UnicornPay
Payee: Buttercup
Amount: 85
Currency: USD
“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”
Speaking Siri’s Language
Speaking Siri’s Language

Common language
Speaking Siri’s Language

Common language
Intents describe actions
Speaking Siri’s Language

Common language
Intents describe actions
IntentResponses describe results
Speaking Siri’s Language

Intent
Speaking Siri’s Language

Intent

Action to be performed
Speaking Siri’s Language

Intent

Action to be performed
Zero-to-many parameters
Speaking Siri’s Language

Intent

Action to be performed
Zero-to-many parameters
Classified into a domain
Speaking Siri’s Language
IntentResponse
Speaking Siri’s Language

IntentResponse

Result of handling an intent
Speaking Siri’s Language

IntentResponse

Result of handling an intent

Response code
Speaking Siri’s Language

IntentResponse

Result of handling an intent
Response code
NSUserActivity
Lifecycle of an Intent
Lifecycle of an Intent

Resolve
Lifecycle of an Intent

Resolve
Lifecycle of an Intent

Resolve

Confirm
Lifecycle of an Intent

Resolve

Confirm

Handle
Lifecycle of an Intent

Resolve

Confirm

Handle
Lifecycle of an Intent

Resolve
Lifecycle of an Intent

Resolve

Help Siri understand the values the user provided
Lifecycle of an Intent

Resolve

- Help Siri understand the values the user provided
- Opportunity to influence Siri’s behavior
Lifecycle of an Intent

Resolve

Help Siri understand the values the user provided
Opportunity to influence Siri’s behavior
Provide resolution response
Lifecycle of an Intent

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”

Domain: Payments
Intent: sendPayment
App: UnicornPay
Payee: Buttercup
Amount: 85
Currency: USD
Note: Rainbow polish
Lifecycle of an Intent

Resolve

```
success(with:)
```

Your app matched the user’s request to a specific person
Lifecycle of an Intent

Resolve

confirmationRequired(with:)

Your app would like the user to confirm the resolved person
Resolve

**disambiguation(with:)**

Your app needs the user to select from a list of people
Lifecycle of an Intent

Resolve

`needsMoreDetails(for:)`

Your app had insufficient information to resolve the person, and would like Siri to ask the user to be more specific.
Lifecycle of an Intent

Resolve

needsValue

Your app requires a value be specified, but no value was provided
Lifecycle of an Intent

Resolve

unsupportedWithReason

Your app can’t use the specified value
Lifecycle of an Intent

Resolve

notRequired

Your app doesn’t require a value for this parameter
Lifecycle of an Intent

- Resolve
- Confirm
- Handle
Lifecycle of an Intent

Resolve

Confirm

Handle
Lifecycle of an Intent

Confirm
Lifecycle of an Intent

Confirm

Tell Siri the expected result of an intent
Lifecycle of an Intent

Confirm

Tell Siri the expected result of an intent
Check required state
Lifecycle of an Intent

Confirm

Tell Siri the expected result of an intent
Check required state
Provide an intent response
Lifecycle of an Intent

Confirm

Tell Siri the expected result of an intent
Check required state
Provide an intent response
Siri prompts for confirmation as necessary
Lifecycle of an Intent

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”
Lifecycle of an Intent

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”

Service available? ✅
Lifecycle of an Intent

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”

Service available?  ✓
Signed in?  ✓
Lifecycle of an Intent

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”

Service available?  ✔
Signed in?  ✔
Sufficient balance?  ✔
Lifecycle of an Intent

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”

Service available? ✓
Signed in? ✓
Sufficient balance? ✓

IntentResponse

ResultCode: Success
Payee: Buttercup
Amount: 85
Currency: USD
Note: Rainbow polish
Lifecycle of an Intent

- Resolve
- Confirm
- Handle
Lifecycle of an Intent

- Resolve
- Confirm
- Handle
Lifecycle of an Intent

Handle
Lifecycle of an Intent

Handle

Perform the requested action
Lifecycle of an Intent
Handle

Perform the requested action
Provide as much information about the result as possible
Lifecycle of an Intent

Handle
Lifecycle of an Intent

Handle

Network calls can take time
Lifecycle of an Intent

Handle

Network calls can take time

Siri shows waiting UI
Lifecycle of an Intent

Handle

Network calls can take time
Siri shows waiting UI
Provide response within a few seconds
Lifecycle of an Intent

Handle

Network calls can take time
Siri shows waiting UI
Provide response within a few seconds
Otherwise use **InProgress** response code
Lifecycle of an Intent

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”
Lifecycle of an Intent

“Hey Siri, send Buttercup 85 bucks on UnicornPay for rainbow polish”

<table>
<thead>
<tr>
<th>IntentResponse</th>
<th>ResultCode: Success</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Payee: Buttercup</td>
</tr>
<tr>
<td></td>
<td>Amount: 85</td>
</tr>
<tr>
<td></td>
<td>Currency: USD</td>
</tr>
<tr>
<td></td>
<td>Note: Rainbow polish</td>
</tr>
</tbody>
</table>
Adding SiriKit to Your App
Adding SiriKit
Adding SiriKit

Two new extension points
Adding SiriKit

Two new extension points

• Intents extension
Adding SiriKit

Two new extension points

• Intents extension
• Intents UI extension
Adding SiriKit

Two new extension points

• Intents extension
• Intents UI extension

Provide words and phrases to aid recognition
Adding SiriKit

Two new extension points

• Intents extension
• Intents UI extension

Provide words and phrases to aid recognition

• App vocabulary
Adding SiriKit

Two new extension points

• Intents extension
• Intents UI extension

Provide words and phrases to aid recognition

• App vocabulary
• User vocabulary
Adding SiriKit

Intents Extension
Adding SiriKit

Intents Extension

Resolve

Confirm

Handle
Adding SiriKit

Intents extension
Adding SiriKit

Intents extension

Basis of SiriKit
Adding SiriKit

Intents extension

Basis of SiriKit

Supports one or more intents
Adding SiriKit

Intents extension

Basis of SiriKit

Supports one or more intents

Runs in the background while Siri is active
Intents extension

Adding SiriKit

Basis of SiriKit

Supports one or more intents

Runs in the background while Siri is active

Implements resolve, confirm, and handle methods
Adding SiriKit

Security
Adding SiriKit

Security

Restrict while locked
Adding SiriKit

Security

Restrict while locked

Local Authentication framework
Adding SiriKit

Security

Restrict while locked
Local Authentication framework
Apple Pay support

What’s New with Wallet and Apple Pay

Keychain and Authentication with Touch ID

WWDC 2014
Adding SiriKit

Intents Extension
Adding SiriKit

Intents Extension
Adding SiriKit
Adding SiriKit

Intents Extension

Intents UI Extension
Adding SiriKit
Intents UI extension
Adding SiriKit

Intents UI extension

Bring your app’s interface into Siri
Adding SiriKit

Intents UI extension

Bring your app’s interface into Siri
Provide a UIViewController
Adding SiriKit
Intents UI extension

Bring your app’s interface into Siri
Provide a UIViewController
Optional
Adding SiriKit
Intents UI extension

Bring your app’s interface into Siri
Provide a UIViewController
Optional
Available for certain intents
Adding SiriKit
Intents UI extension
Adding SiriKit

Intents UI extension

Show additional information
Adding SiriKit

Intents UI extension

Show additional information

Update status
Adding SiriKit

Intents UI extension

Show additional information
Update status
Displayed alongside Siri content
Adding SiriKit
Intents UI extension

Show additional information
Update status
Displayed alongside Siri content
Can replace select Siri interface elements
Adding SiriKit
Intents UI extension

Show additional information
Update status
Displayed alongside Siri content
Can replace select Siri interface elements
Not interactive
Adding SiriKit

Intents Extension

Intents UI Extension
Adding SiriKit

Intents Extension

Intents UI Extension
Adding SiriKit

Intents Extension

Intents UI Extension

App
Adding SiriKit

Intents Extension

Intents UI Extension

App
Adding SiriKit

Vocabulary
Adding SiriKit

Vocabulary

Many apps have unique ways of describing things
Adding SiriKit

Vocabulary

Many apps have unique ways of describing things

Siri needs your assistance to understand words and phrases unique to your app
Adding SiriKit

Vocabulary

Many apps have unique ways of describing things

Siri needs your assistance to understand words and phrases unique to your app

Some phrases are part of your app
Many apps have unique ways of describing things
Siri needs your assistance to understand words and phrases unique to your app
Some phrases are part of your app
Other phrases are unique to the user of your app
Adding SiriKit

App-specific vocabulary
Adding SiriKit
App-specific vocabulary

Words and phrases that are part of your app
Adding SiriKit

App-specific vocabulary

Words and phrases that are part of your app
Known to all users of your app
Adding SiriKit

App-specific vocabulary

Words and phrases that are part of your app
Known to all users of your app
Defined in a plist
Adding SiriKit

App-specific vocabulary

Words and phrases that are part of your app
Known to all users of your app
Defined in a plist
Localized
Adding SiriKit
App-specific vocabulary

Vocabulary plist
Adding SiriKit

App-specific vocabulary

Vocabulary.plist

Example Uses for App

Start a workout with UnicornFit
Adding SiriKit

App-specific vocabulary

Start a workout with UnicornFit

Example Uses for App

Parameter

workoutName
Adding SiriKit

App-specific vocabulary

Vocabulary plist

Example Uses for App

Parameter

Phrase

Start a workout with UnicornFit

workoutName

Colorlicious
Adding SiriKit
App-specific vocabulary

Vocabulary plist
Example Uses for App
Parameter
Phrase
Pronunciation

Start a workout with UnicornFit
workoutName
Colorlicious
colorlishus
Adding SiriKit
App-specific vocabulary

Example Uses for App
Parameter
Phrase
Pronunciation
Examples

Start a workout with UnicornFit
workoutName
Colorlicious
colorlishus
Do a Colorlicious in UnicornFit
Adding SiriKit
User-specific vocabulary
Adding SiriKit

User-specific vocabulary

Terminology that’s specific to an individual user
Adding SiriKit

User-specific vocabulary

Terminology that’s specific to an individual user
Provided by your app
Adding SiriKit

User-specific vocabulary

Terminology that’s specific to an individual user

Provided by your app

`OrderedSet` of terms
Adding SiriKit

User-specific vocabulary

All Contacts
Adding SiriKit

User-specific vocabulary
Adding SiriKit

User-specific vocabulary

Recent Contacts

Other Contacts
Adding SiriKit

User-specific vocabulary

Recent Contacts  Other Contacts
Adding SiriKit
User-specific vocabulary

Favorites  Recent Contacts  Other Contacts
Adding SiriKit

User-specific vocabulary
Adding SiriKit

User-specific vocabulary

Contacts, workout names, photo albums, photo keywords
Adding SiriKit

User-specific vocabulary

Contacts, workout names, photo albums, photo keywords

- iOS address book is already available to Siri
Adding SiriKit

User-specific vocabulary

Contacts, workout names, photo albums, photo keywords

- iOS address book is already available to Siri

Only provide necessary values
Adding SiriKit

User-specific vocabulary

Contacts, workout names, photo albums, photo keywords

- iOS address book is already available to Siri

Only provide necessary values

Send data on changes
Adding SiriKit

User-specific vocabulary

Contacts, workout names, photo albums, photo keywords

• iOS address book is already available to Siri

Only provide necessary values

Send data on changes

Delete promptly
Adding SiriKit

User-specific vocabulary

Contacts, workout names, photo albums, photo keywords

• iOS address book is already available to Siri

Only provide necessary values

Send data on changes

Delete promptly

Remove all vocabulary when needed
Adding SiriKit
Permissions
Adding SiriKit

Permissions

Request authorization
Adding SiriKit

Permissions

Request authorization

Would You Like to Use “UnicornPay” with Siri?

Some of your UnicornPay data will be sent to Apple to process your requests.

This will allow you to send money to unicorns using Siri.

Don’t Allow  OK
Adding SiriKit
Permissions

Request authorization
Explain what data goes to Siri

Would You Like to Use “UnicornPay” with Siri?
Some of your UnicornPay data will be sent to Apple to process your requests.
This will allow you to send money to unicorns using Siri.

Don’t Allow  OK
Adding SiriKit

Permissions

Request authorization
Explain what data goes to Siri
Request permission from your app

Would You Like to Use “UnicornPay” with Siri?
Some of your UnicornPay data will be sent to Apple to process your requests.
This will allow you to send money to unicorns using Siri.

Don’t Allow  OK
SiriKit and iOS
Siri is an integral part of iOS
SiriKit and iOS

Siri is an integral part of iOS

Intents.framework
Siri is an integral part of iOS

Intents.framework

Contacts integration
Siri is an integral part of iOS

**Intents.framework**

Contacts integration

CallKit
For Free!
Selecting Your App
Selecting Your App

User must say the name of your app
Selecting Your App

User must say the name of your app

Bundle display name
Selecting Your App

User must say the name of your app

Bundle display name

Can be used in many parts of speech
Selecting Your App

User must say the name of your app

Bundle display name

Can be used in many parts of speech

Verbing the app name
Selecting Your App

User must say the name of your app

Bundle display name

Can be used in many parts of speech

Verbing the app name

• “UnicornChat Celestra order five rainbow rolls please”
Get me a bicorn ride on UnicornRide to the forest

UnicornPay 18 dollars to Sparkle Sparkly

UnicornChat Celestra order five rainbow rolls please

UnicornPay 18 dollars to Sparkle Sparkly

Ask CJ to UnicornPay me 25 dollars to cover dinner at Noon’s Grill

Start a 15-minute trot with UnicornFit

Using UnicornChat tell Pinky Nose that I’m running late

End my UniDuel in UnicornFit

Call Lucky Moontrotter using UnicornChat

I need a UnicornRide to get me home
Designing a Great Siri Experience

Corey Peterson SiriKit Design
Design Topics
Design Topics

How Siri helps you
Design Topics

How Siri helps you
Design guidelines
Design Topics

How Siri helps you
Design guidelines
Polish the design
User Interface
Conversational Interface
Conversational Interface

Context through conversation
Conversational Interface

Context through conversation
Information in the user’s head
Conversational Interface

Context through conversation
Information in the user’s head
Shaped by questions and responses
Conversational Interface

Context through conversation

Information in the user’s head

Shaped by questions and responses

• Important to think about how Siri asks and responds
Ready to Send It?
Ready to Send It?

“Send it”
Ready to Send It?

“Send it”

“No”
Ready to Send It?

“Send it”

“No”

“Cancel”
Ready to Send It?

“Send it”

“No”

“Cancel”

“Read it to me again”
Ready to Send It?

“Send it”
“No”
“Cancel”
“Read it to me again”
“Change it”
Ready to Send It?

“Yes” “Yes please” “Send” “Send it” “OK” “Yes thank you” “Do it” “Thanks” “Don’t do it” “Not yet” “No” “I’m not ready” “Nope” “Nah” “Discard the message” “Cancel it” “Cancel” “Cancel the message” “Discard it” “What does it say” “Read it to me again” “Read it back to me” “Send it to Eric instead” “Change it” “Edit the message” “Change it to say…”
What can I help you with?
How Siri Helps You
And how you can help, too
How Siri Helps You
And how you can help, too

Test with many different requests
How Siri Helps You
And how you can help, too

Test with many different requests
Test in different situations
How Siri Helps You
And how you can help, too

Test with many different requests
Test in different situations
Provide info to Siri
Design Guidelines
Design Guidelines
A conversation with your users

Prepare
Design Guidelines
A conversation with your users

Prepare
Be a good listener
Design Guidelines
A conversation with your users

Prepare
Be a good listener
Ask questions
Design Guidelines
A conversation with your users

Prepare
Be a good listener
Ask questions
Respond to the request
Design Guidelines

Prepare
Design Guidelines

Prepare

Users aren’t exactly like you
Design Guidelines

Prepare

Users aren’t exactly like you

Ask real people—“What would you say to Siri?”
“Get a ride”
“Get a ride”

“Get me to SFO with UnicornRides”
“Get a ride”

“Get me to SFO with UnicornRides”

“Ask UnicornRides to get me a Pegasus for 6 people from 300 Post Street to Bill Graham Auditorium”
Design Guidelines

Be a good listener
Design Guidelines

Be a good listener

Use the original request
Design Guidelines

Be a good listener

Use the original request
Pick good defaults
Design Guidelines

Be a good listener

Use the original request
Pick good defaults
Make educated guesses
Design Guidelines

Be a good listener

Use the original request
Pick good defaults
Make educated guesses
Avoid bad surprises
Design Guidelines

Ask questions
Design Guidelines

Ask questions

Keep it simple!
Design Guidelines

Ask questions

Keep it simple!

Only ask for things that are necessary
Design Guidelines

Ask questions

Keep it simple!
Only ask for things that are necessary
Handle errors
Design Guidelines

Confirmation

Presenting a single option
Design Guidelines

Confirmation

Presenting a single option

Check with the user:
Design Guidelines

Confirmation

Presenting a single option

Check with the user:
• If you made an educated guess
Design Guidelines

Confirmation

Presenting a single option
Check with the user:
• If you made an educated guess
• If there is a big impact
Design Guidelines

Disambiguation
Design Guidelines

Disambiguation

Presenting multiple options
Design Guidelines

Disambiguation

Presenting multiple options
  • Small number of possibilities
Design Guidelines

Disambiguation

Presenting multiple options

• Small number of possibilities
• Filtered list from the user’s request
Design Guidelines

Disambiguation

Presenting multiple options

- Small number of possibilities
- Filtered list from the user’s request

Siri can read the list
Design Guidelines

Final confirmation
Design Guidelines

Final confirmation

Siri checks with your extension
Design Guidelines

Final confirmation

Siri checks with your extension

• Send info to Siri to present
Design Guidelines

Final confirmation

Siri checks with your extension

• Send info to Siri to present

Siri checks with the user
Respond to the Request
Siri gives the results
Respond to the Request

Siri gives the results

Matches the request
Respond to the Request
Siri gives the results

Matches the request
Works everywhere (CarPlay, “Hey Siri”)
Respond to the Request
Siri gives the results

Matches the request
Works everywhere (CarPlay, “Hey Siri”)
Siri provides visual UI
Respond to the Request

Custom UI (optional)
Respond to the Request

Custom UI (optional)

Bring the feel of your app into Siri
Respond to the Request

Custom UI (optional)

Bring the feel of your app into Siri

Limit what you show
Respond to the Request

Custom UI (optional)

Bring the feel of your app into Siri
Limit what you show
Design for multiple device sizes
Respond to the Request

Custom UI (optional)
Respond to the Request

Custom UI (optional)
Respond to the Request

Custom UI (optional)

Use API to hide redundant info
Respond to the Request

Custom UI (optional)

Use API to hide redundant info

Represent everything visually
Respond to the Request
Custom UI (optional)

Use API to hide redundant info
Represent everything visually
Still send all info to Siri
Respond to the Request
In your app
Respond to the Request

In your app

App provides follow up actions
Respond to the Request

In your app

App provides follow up actions
Don’t surprise the user
Polish the Design
Guide Examples

Guidelines

Include your app name
Guide Examples

Guidelines

Include your app name
Keep your examples short
Guide Examples

Guidelines

Include your app name
Keep your examples short
Provide multiple examples for each intent
Guide Examples

Guidelines

Include your app name
Keep your examples short
Provide multiple examples for each intent
  • Prioritize intents and examples
Guidelines

Guide Examples

Include your app name
Keep your examples short
Provide multiple examples for each intent
  • Prioritize intents and examples
  • Localized examples
Guide Examples

Guidelines

Include your app name
Keep your examples short
Provide multiple examples for each intent
  • Prioritize intents and examples
  • Localized examples
Make sure they work
Guide Examples

Avoid

“Hey Siri, get a ride with UnicornRides”

“Would you please tell me where is my UnicornRide?”
Guide Examples

Good

“Get a ride with UnicornRides”

“Where is my UnicornRide?”
Iterate on the Experience
Iterate on the Experience

Experiment
Iterate on the Experience

Experiment
Try it with real people
Iterate on the Experience

Experiment
Try it with real people
Try it in different situations
Iterate on the Experience

Experiment
Try it with real people
Try it in different situations
Does it feel right?
Summary
Summary

SiriKit
Summary

SiriKit

Extensions, Intents, Vocabulary
Summary

SiriKit
Extensions, Intents, Vocabulary
Design the conversation
More Information

## Related Sessions

<table>
<thead>
<tr>
<th>Session</th>
<th>Location</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>What’s New with Wallet and Apple Pay</td>
<td>Mission</td>
<td>Tuesday 3:00PM</td>
</tr>
<tr>
<td>Engineering Privacy for Your Users</td>
<td>Pacific Heights</td>
<td>Wednesday 4:00PM</td>
</tr>
<tr>
<td>Enhancing VoIP Apps with CallKit</td>
<td>Mission</td>
<td>Thursday 5:00PM</td>
</tr>
</tbody>
</table>
## Related Sessions

<table>
<thead>
<tr>
<th>Extending Your Apps with SiriKit</th>
<th>Nob Hill</th>
<th>Thursday 1:40PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labs</td>
<td>Frameworks Lab C</td>
<td>Thursday 3:00PM</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>SiriKit Lab</td>
<td>Frameworks Lab B</td>
<td>Friday 9:00AM</td>
</tr>
<tr>
<td>SiriKit Lab</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>