



ActiveSignage Parameter Specification

iWare

iWare Inc.

ActiveSignage Parameter Specification

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iWare Inc.

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Introduction

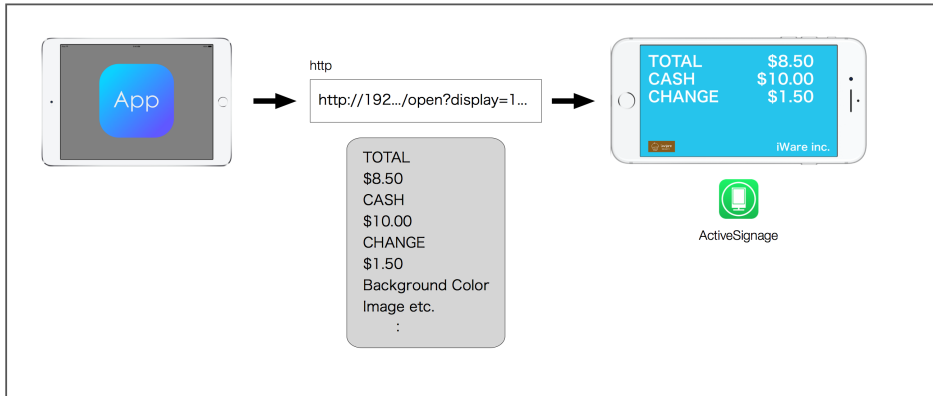
This document contains information on ActiveSignage parameter specs.

Information on this document is compatible with ActiveSignage.



Overview

It shows the data that is sent via http (GET or POST) on ActiveSignage



By sending data such as contents, positions and color info over http, the data will be able to be displayed on ActiveSignage. If the iOS device that has ActiveSignage installed is connected to an external display, the data will appear on the external display. (Alert commando is excluded)

Download ActiveSignage from the AppStore.

You must input ActiveSignage command to an app that supports the GET/POST URL such as FileMaker.

ActiveSignage

<https://itunes.apple.com/jp/app/id1239679996>



Spec

項目	説明
OS	iOS 9.1 or later.
Compatible device	iPhone、iPad、iPadProおよびiPod touch
External display	AirPrint or a display that supports a HDMI cable

URL Parameters

名称	説明
http://	URL Scheme
x-callback-url/open	Display-related field
x-callback-url/speech	text to speech



Format

URL Format

“http://…………”

<Variable>= <Value>&<Variable>= <Value>& . .

Variable	Value
1,2,3,4....	<<<Image>>>
show	<<<Frame>>>
speech	<<<Line>>>
....

Parameters (open)

変数	値
windowcolor	Window background color
show	Display contents
speechdisplay	Speech and display
showtime	Display time
speech	Text to Speech
speechvoice	Voice name
speechrate	Speech rate
speechpitch	Speech pitch
speechstop	Stop speech
play	Slideshow playback, stop
alert	Display alert
alertcancel	Cancel alert
alertresponse	Alert response
1~	Content specification



Parameters

windowcolor

windowcolor=Color

Specify the window background with color.

- Color : Background color

show

show=Number

Show the contents.

- Number : Show · Hide
 - 0 : Hide
 - 1 : Show

speechdisplay

speechdisplay=Text(1),Mode(2),Font(3),FontSize(4),Align(5),Color(6),BGColor(7),X(8),Y(9),Width(10),Height(11)

Enable text to speech and display on the screen at the same time

- Text(1) : String
- Mode(2) : Display mode
 - 0 : Display text on speech, close the window when finished
 - 1 : Text display on speech, even when finished, window is still displayed. (Show = 0 is required when closing)
 - 2 : All characters display (letters read aloud color), close the window when finished
 - 3 : All characters are displayed (text read aloud is color change), and the window is still displayed even if it ends. (Show = 0 is required when closing)
- Font(3) : Font name
- FontSize(4) : Font size (Number)
- Align(5) : Justification
 - 0 : Left
 - 1 : Center
 - 2 : Right
- Color(6) : Color
- BGColor(7) : Background color



- X(8) : X position (Number)
- Y(9) : Y position (Number)
- Width(10) : Width (Number)
- Height(11) : Height (Number)

※In-app purchase only

showtime

showtime=Number

Specify the time display.

- Number : Second

speech

speech=text

Use text to speech and read content aloud.

- Text : String

※In-app purchase only

speechvoice

speechvoice=text

Specify the sound resource of text to speech

- Text : Voice name (See Appendix B)

※In-app purchase only

speechrate

speechrate=Number

Specify the speed of text to speech.

- Number : rate 0.0 to 1.0 (Default:0.5)

※In-app purchase only



speechpitch

speechpitch=Number

Specify the pitch of text to speech.

- Number : Pitch 0.0 to 1.0 (Default : 1.0)

※In-app purchase only

speechstop

speechstop=1

Stop text to speech.

- 1 : Stop

※In-app purchase only

play

play=Number

Play or stop the slideshow.

- Number : Play or Stop
 - 1~ : Number of Slide
 - -1 : Stop

alert

alert=Identifier(1),Message(2),MsgColor(3),MsgBGColor(4),MsgShadow(5),Button1(6),B1Color(7),
,B1BGColor(8),B1Shadow(9),Button2(10),B2Color(11),B2BGColor(12),B2Shadow(13),Button3(14
) ,B3Color(15),B3BGColor(16),B3Shadow(17),Font(18),Border(19),BorderColor(20),BgColor(21),X(
22),Y(23),Width(24),Height(25)

Show an alert.

It shows an alert on your device even when it is connected to the external display.

- Identifier(1) : Identifier (Use Response / Cancel)
- Message(2) : Alert Message (Text)
- MsgColor(3) : Color of message (Color)
- MsgBGColor(4) : Background color of message (Color)
- MsgShadow(5) : Shadow color of message (Color)



- Button1(6) : Title of button1 (Text)
- B1Color(7) : Color of button1 (Color)
- B1BGColor(8) : Background color of button1 (Color)
- B1Shadow(9) : Shadow color of button1 (Color)
- Button2(10) : Title of button2 (Text)
- B2Color(11) : Color of button2 (Color)
- B2BGColor(12) : Background color of button2 (Color)
- B2Shadow(13) : Shadow color of button2 (Color)
- Button3(14) : Title of button3 (Text)
- B3Color(15) : Color of button3 (Color)
- B3BGColor(16) : Background color of button3 (Color)
- B3Shadow(17) : Shadow color of button3 (Color)
- Font(18) : Font name (Text)
- Border(19) : Border (Number)
 - 0 : None
 - 1 : Border
- BorderColor(20) : Color of border (Color)
- BGColor(21) : Background color (Color)
- X(22) : X position (Number)
- Y(23) : Y position (Number)
- Width(24) : Width (Number)
- Height(25) : Height (Number)

alertcancel

alertcancel=Text

Cancel (hide) an alert.

- Identifier : Identifier specified by alert (Text)

alertresponse

alertresponse=Text

Response to an alert

- Identifier : Identifier specified by alert (Text)
 - 0 : None
 - 1 : Button1 tapped



- 2 : Button2 tapped
- 3 : Button3 tapped

Contents

A number is assigned to contents where there is a parameter and the contents will be specific to the value.

Example: 1= string,.....

Show characters

Text(1),X(2),Y(3),Width(4),Height(5),Font(6),FontSize(7),Align(8),Color(9),BGColor(10),Shadow(11),Blink(12),Animation(13),Duration(14),Delay(15),ToX(16),ToY(17),Repeat(18),Autoreverse(19)

Show strings.

- Text(1) : String (Text)
- X(2) : X position (Number)
- Y(3) : Y position (Number)
- Width(4) : Width (Number)
- Height(5) : Height (Number)
- Font(6) : Font name (Text)
- FontSize(7) : Font size (Number)
- Align(8) : Justification (Number)
 - 0 : Left
 - 1 : Center
 - 2 : Right
- Color(9) : Color (Color)
- BGColor(10) : Background color (Color)
- Shadow(11) : Shadow color (Color)
- Blink(12) : Blink (Number)
 - 0 : None
 - 1 : Blink
- Animation(13) : Animation (Number)
 - 0 : None
 - 1 : Animation
- Duration(14) : Second (Number)
- Delay(15) : Delay (Number)



- ToX(16) : X position after movement (Number)
- ToY(17) : Y position after movement (Number)
- Repeat(18) : Repeat (Number)
 - 0 : None
 - 1 : Repeat
- Autoreverse(19) : Autoreverse
 - 0 : None
 - 1 : Autoreverse

Show a rectangle

<<<Frame>>>(1),X(2),Y(3),Width(4),Height(5),LineWidth(6),Corner(7),BorderColor(8),FillColor(9),Blink(10),Animation(11),Duration(12),Delay(13),ToX(14),ToY(15),Width(16),Height(17),ToFillColor(18),Repeat(19),Autoreverse(20)

Show a rectangle.

- <<<Frame>>>(1) : <<<Frame>>>
- X(2) : X Position (Number)
- Y(3) : Y Position (Number)
- Width(4) : Width (Number)
- Height(5) : Height (Number)
- LineWidth(6) : Line width (Number)
- Corner(7) : Round corner radius (Number)
- BorderColor(8) : Border color (Color)
- FillColor(9) : Fill color (Color)
- Blink(10) : Blink (Number)
 - 0 : None
 - 1 : Blink
- Animation(11) : Animation (Number)
 - 0 : None
 - 1 : Animation
- Duration(12) : Second (Number)
- Delay(13) : Delay (Number)
- ToX(14) : X position after movement (Number)
- ToY(15) : Y position after movement (Number)
- Width(16) : Width after movement (Number)
- Height(17) : Height after movement (Number)
- ToFillColor(18) : Fill color after animation (Color)
- Repeat(19) : Repeat



- 0 : None
- 1 : Repeat
- Autoreverse(20 : Autoreverse
 - 0 : None
 - 1 : Autoreverse

Show an object (image)

<<<Object>>>(1),Data(2),X(3),Y(4),Width(5),Height(6),ContentMode(7),Alpha(8),Blink(9),Animation(10),Duration(11),Delay(12),ToX(13),ToY(14),ToWidth(15),ToHeight(16),toAlpha(17),Repeat(18),Autoreverse(19)

- <<<Object>>>(1) : <<<Object>>>
- Data(2) : Object data (Base64 encode)
- X(3) : X position (Number)
- Y(4) : Y position (Number)
- Width(5) : Width (Number)
- Height(6) : Height (Number)
- ContentMode(7) : Content mode
 - 0 : Aspect fit
 - 1 : Aspect fill
 - 2 : Fill
- Alpha(8) : Transparency (Number) 0 - 1.0
- Blink(9) : Blink (Number)
 - 0 : None
 - 1 : Blink
- Animation(10) : Animation
 - 0 : None
 - 1 : Animation
- Duration(11) : Second (Number)
- Delay(12) : Delay (Number)
- ToX(13) : X position after movement (Number)
- ToY(14) : Y position after movement (Number)
- ToWidth(15) : Width after movement (Number)
- ToHeight(16) : Height after movement (Number)
- To Alpha(17) : Transparency at the end of animation (Number)
- Repeat(19) : Repeat
 - 0 : None
 - 1 : Repeat
- Autoreverse(20 : Autoreverse
 - 0 : None
 - 1 : Autoreverse



Format

Color format

Here are the “Color” format that will be used for each command.

- Color
 - +RRGGBBAA (Specify between 00 - FF of hex digits)
- Gray
 - 0~255



Input Sample

FileMaker Script Sample

Content of "insert from URL"

```

"httpppost://[IPADDRESS]:65432/" &
"x-callback-url/open?" &
"show=1&" &
"1=" & GetAsURLEncoded ( "TOTAL" ) & ",30,30,,,,56,,+FFFFFFF,+FFFFFF00,+FFFFFF00,0&" &
"2=" & GetAsURLEncoded ( "CASH " ) & ",30,96,,,,56,,+FFFFFFF,+FFFFFF00,+FFFFFF00,0&" &
"3=" & GetAsURLEncoded ( "CHANGE" ) & ",30,162,,,,56,,+FFFFFFF,+FFFFFF00,+FFFFFF00,0&" &
"4=" & GetAsURLEncoded ( " $8.50" ) & ",350,30,300,,,56,2,+FFFFFFF,+FFFFFF00,+FFFFFF00,0&" &
"5=" & GetAsURLEncoded ( "$10.00" ) & ",350,96,300,,,56,2,+FFFFFFF,+FFFFFF00,+FFFFFF00,0&" &
"6=" & GetAsURLEncoded ( " $1.50" ) & ",350,162,300,,,56,2,+FFFFFFF,+FFFFFF00,+FFFFFF00,0&" &
"7=" & GetAsURLEncoded ( "Thank you very much. Please come again." ) & ",
800,250,2000,,,52,,+FBCB67FF,+FFFFFF00,+80808000,0,1,10,0,-1500,250,0,0&" &
"8=" & GetAsURLEncoded ( "iWare inc." ) & ",510,414,,,38,,+FFFFFFF,
+FFFFFF00,+80808000,0,1,0.5,8.5,510,359,0,0&" &
"9=<<<object>>," & Base64Encode ( urltest::object ) & ",-100,350,100,54,0,0,0,1&" &

```

URL Data

Data that is actually passed onActiveSignage

```

http://[HOST]/x-callback-url/open?show=1&1=TOTAL,30,30,,,,56,,%2BFFFFFFF,%2BFFFFFFF00,%2BFFFFFFF00,0&2=CASH%20,30,96,,,,56,,%2BFFFFFFF,%2BFFFFFFF00,%2BFFFFFFF00,0&3=CHANGE,30,162,,,,56,,%2BFFFFFFF,%2BFFFFFFF00,%2BFFFFFFF00,0&4=%20%248.50,350,30,300,,,56,2,%2BFFFFFFF,%2BFFFFFFF00,%2BFFFFFFF00,0&5=%2410.00,350,96,300,,,56,2,%2BFFFFFFF,%2BFFFFFFF00,%2BFFFFFFF00,0&6=%20%241.50,350,162,300,,,56,2,%2BFFFFFFF,%2BFFFFFFF00,%2BFFFFFFF00,0&7=Thank%20you%20very%20much.%20Please%20come%20again.,800,220,2000,65,,52,,%2BFCB67FF,%2BFFFFFFF00,%2B80808000,0,1,10,0,-1500,220,0,0&8=iWare%20inc.,450,320,,,38,,%2BFFFFFFF,%2BFFFFFFF00,%2B80808000,0,0,0.5,8.5,510,359,0,0&windowcolor=%2B26C4ECFF%26

```



Appendix A

iOS 9 Font list

Academy Engraved LET	ArialRoundedMTBold	AvenirNextCondensed-Heavy	ChalkboardSE-Light
AcademyEngravedLetPlain	Avenir Next Condensed	AvenirNextCondensed-Heavy/Italic	ChalkboardSE-Regular
Al Nile	Avenir Next	AvenirNextCondensed-Italic	Chalkduster
AlNile	Avenir	AvenirNextCondensed-Medium	Chalkduster
AlNile-Bold	Avenir-Black	AvenirNextCondensed-Medium/Italic	Cochin
American Typewriter	Avenir-BlackOblique	AvenirNextCondensed-Regular	Cochin-Bold
AmericanTypewriter	Avenir-Book	AvenirNextCondensed-UltraLight	Cochin-BoldItalic
AmericanTypewriter-Bold	Avenir-BookOblique	AvenirNextCondensed-UltraLight/Italic	Cochin-Italic
AmericanTypewriter-Condensed	Avenir-Heavy	Bangla Sangam MN	Copperplate
AmericanTypewriter-CondensedBold	Avenir-HeavyOblique	Baskerville	Copperplate
AmericanTypewriter-CondensedLight	Avenir-Light	Baskerville	Copperplate-Bold
AmericanTypewriter-Light	Avenir-LightOblique	Baskerville-Bold	Copperplate-Light
Apple Color Emoji	Avenir-Medium	Baskerville-BoldItalic	Courier
Apple SD Gothic Neo	Avenir-MediumOblique	Baskerville-Italic	Courier New
AppleColorEmoji	Avenir-Oblique	Baskerville-SemiBold	Courier-Bold
AppleSDGothicNeo-Bold	Avenir-Roman	Baskerville-SemiBoldItalic	Courier-BoldOblique
AppleSDGothicNeo-Light	AvenirNext-Bold	Bodoni 72 Oldstyle	Courier-Oblique
AppleSDGothicNeo-Medium	AvenirNext-BoldItalic	Bodoni 72 Smallcaps	CourierNewPS-BoldItalicMT
AppleSDGothicNeo-Regular	AvenirNext-DemiBold	Bodoni 72	CourierNewPS-BoldMT
AppleSDGothicNeo-SemiBold	AvenirNext-DemiBoldItalic	Bodoni Ornaments	CourierNewPS-ItalicMT
AppleSDGothicNeo-Thin	AvenirNext-Heavy	BodoniOrnamentsITCTT	CourierNewPSMT
AppleSDGothicNeo-UltraLight	AvenirNext-Heavy/Italic	BodoniSvtyTwoITCTT-Bold	Damascus
Arial Hebrew	AvenirNext-Italic	BodoniSvtyTwoITCTT-Book	DamascusBold
Arial Rounded MT Bold	AvenirNext-Medium	BodoniSvtyTwoITCTT-BookIta	DamascusLight
Arial	AvenirNext-Medium/Italic	BodoniSvtyTwoOSITCTT-Bold	DamascusMedium
Arial-BoldItalicMT	AvenirNext-Regular	BodoniSvtyTwoOSITCTT-Book	DamascusSemiBold
Arial-BoldMT	AvenirNext-UltraLight	BodoniSvtyTwoOSITCTT-BookIt	Devanagari Sangam MN
Arial-ItalicMT	AvenirNext-UltraLight/Italic	BodoniSvtyTwoSCITCTT-Book	DevanagariSangamMN
ArialHebrew	AvenirNextCondensed-Bold	Bradley Hand	DevanagariSangamMN-Bold



ArialHebrew-Bold	AvenirNextCondensed-BoldItalic	BradleyHandITCTT-Bold	Didot
ArialHebrew-Light	AvenirNextCondensed-DemiBold	Chalkboard SE	Didot-Bold
ArialMT	AvenirNextCondensed-DemiBoldItalic	ChalkboardSE-Bold	Didot-Italic
DiwanMishafi	Heiti TC	lowanOldStyle-Italic	Noteworthy
Euphemia UCAS	Helvetica	lowanOldStyle-Roman	Noteworthy-Bold
EuphemiaUCAS	Helvetica-Bold	Kailasa	Noteworthy-Light
EuphemiaUCAS-Bold	Helvetica-BoldOblique	Kailasa-Bold	Optima
EuphemiaUCAS-Italic	Helvetica-Light	Kannada Sangam MN	Optima-Bold
Farah	Helvetica-LightOblique	KannadaSangamMN	Optima-BoldItalic
Futura	Helvetica-Oblique	KannadaSangamMN-Bold	Optima-ExtraBlack
Futura-CondensedExtraBold	HelveticaNeue	Khmer Sangam MN	Optima-Italic
Futura-CondensedMedium	HelveticaNeue-Bold	KhmerSangamMN	Optima-Regular
Futura-Medium	HelveticaNeue-BoldItalic	Kohinoor Bangla	Oriya Sangam MN
Futura-MediumItalic	HelveticaNeue-CondensedBlack	Kohinoor Devanagari	OriyaSangamMN
Geeza Pro	HelveticaNeue-CondensedBold	Kohinoor Telugu	OriyaSangamMN-Bold
GeezaPro	HelveticaNeue-Italic	KohinoorBangla-Light	Palatino
GeezaPro-Bold	HelveticaNeue-Light	KohinoorBangla-Regular	Palatino-Bold
Georgia	HelveticaNeue-LightItalic	KohinoorBangla-Semibold	Palatino-BoldItalic
Georgia-Bold	HelveticaNeue-Medium	KohinoorDevanagari-Light	Palatino-Italic
Georgia-BoldItalic	HelveticaNeue-MediumItalic	KohinoorDevanagari-Regular	Palatino-Roman
Georgia-Italic	HelveticaNeue-Thin	KohinoorDevanagari-Semibold	Papyrus
Gill Sans	HelveticaNeue-ThinItalic	KohinoorTelugu-Light	Papyrus-Condensed
GillSans	HelveticaNeue-UltraLight	KohinoorTelugu-Medium	Party LET
GillSans-Bold	HelveticaNeue-UltraLightItalic	KohinoorTelugu-Regular	PartyLetPlain
GillSans-BoldItalic	HiraMinProN-W3	Lao Sangam MN	PingFang HK
GillSans-Italic	HiraMinProN-W6	LaoSangamMN	PingFang SC
GillSans-Light	Hiragino Mincho ProN	Malayalam Sangam MN	PingFang TC
GillSans-LightItalic	Hiragino Sans	MalayalamSangamMN	PingFangHK-Light
GillSans-SemiBold	HiraginoSans-W3	MalayalamSangamMN-Bold	PingFangHK-Medium
GillSans-SemiBoldItalic	HiraginoSans-W6	Marker Felt	PingFangHK-Regular
GillSans-UltraBold	Hoefler Text	MarkerFelt-Thin	PingFangHK-Semibold
Gujarati Sangam MN	HoeflerText-Black	MarkerFelt-Wide	PingFangHK-Thin
GujaratiSangamMN	HoeflerText-BlackItalic	Menlo	PingFangHK-Ultralight
GujaratiSangamMN-Bold	HoeflerText-Italic	Menlo-Bold	PingFangSC-Light



Gurmukhi MN	HoeflerText-Regular	Menlo-BoldItalic	PingFangSC-Medium
GurmukhiMN	lowan Old Style	Menlo-Italic	PingFangSC-Regular
GurmukhiMN-Bold	lowanOldStyle-Bold	Menlo-Regular	PingFangSC-Semibold
Heiti SC	lowanOldStyle-BoldItalic	Mishafi	PingFangSC-Thin
PingFangSC-Ultralight	SinhalaSangamMN-Bold	Thonburi	TrebuchetMS
PingFangTC-Light	Snell Roundhand	Thonburi-Bold	TrebuchetMS-Bold
PingFangTC-Medium	SnellRoundhand	Thonburi-Light	TrebuchetMS-Italic
PingFangTC-Regular	SnellRoundhand-Black	Times New Roman	Verdana
PingFangTC-Semibold	SnellRoundhand-Bold	TimesNewRomanPS-BoldItalicMT	Verdana-Bold
PingFangTC-Thin	Symbol	TimesNewRomanPS-BoldMT	Verdana-BoldItalic
PingFangTC-Ultralight	Tamil Sangam MN	TimesNewRomanPS-ItalicMT	Verdana-Italic
Savoye LET	TamilSangamMN	TimesNewRomanPSMT	Zapf Dingbats
SavoyeLetPlain	TamilSangamMN-Bold	Trebuchet MS	ZapfDingbatsITC
Sinhala Sangam MN	Telugu Sangam MN	Trebuchet-BoldItalic	Zapfino
SinhalaSangamMN			

Additional font list

cincaption	Osaka	YuGothic	YuMincho
APJapanesefontF	03SmartFontUI	07NikumaruFont	07ReallyScaryMinchotai
07YasashisaGothicBold	07YasashisaGothic	07LightNovelPOP	Tanuki Permanent Marker
02UtsukushiMincho			



Appendix B

iOS 9 Voice name list

iOS9.x	
名前	言語
Maged	ar-SA
Zuzana	cs-CZ
Sara	da-DK
Anna	de-DE
Melina	el-GR
Karen	en-AU
Daniel	en-GB
Moira	en-IE
Samantha	en-US
Tessa	en-ZA
Monica	es-ES
Paulina	es-MX
Satu	fi-FI
Amelie	fr-CA
Thomas	fr-FR
Carmit	he-IL
Lekha	hi-IN
Mariska	hu-HU
Damayanti	id-ID
Alice	it-IT
Kyoko (Enhanced)	ja-JP
Kyoko	ja-JP
Yuna	ko-KR
Ellen	nl-BE
Xander	nl-NL
Nora	no-NO
Zosia	pl-PL
Luciana	pt-BR
Joana	pt-PT
Ioana	ro-RO



iOS9.x	
名前	言語
Milena	ru-RU
Laura	sk-SK
Alva	sv-SE
Kanya	th-TH
Yelda	tr-TR
Ting-Ting	zh-CN
Sin-Ji	zh-HK
Mei-Jia	zh-TW

iOS 10 Voice name list

iOS10.x	
名前	言語
Maged	ar-SA
Zuzana	cs-CZ
Sara	da-DK
Anna	de-DE
Helena	de-DE
Martin	de-DE
Melina	el-GR
Catherine	en-AU
Gordon	en-AU
Karen	en-AU
Arthur	en-GB
Daniel	en-GB
Martha	en-GB
Moira	en-IE
Aaron	en-US
Fred	en-US
Nicky	en-US
Samantha	en-US
Tessa	en-ZA
Monica	es-ES
Paulina	es-MX



iOS10.x	
名前	言語
Satu	fi-FI
Amelie	fr-CA
Daniel	fr-FR
Marie	fr-FR
Thomas	fr-FR
Carmit	he-IL
Lekha	hi-IN
Mariska	hu-HU
Damayanti	id-ID
Alice	it-IT
O-ren (拡張)	ja-JP
Hattori	ja-JP
Kyoko	ja-JP
O-ren	ja-JP
Yuna	ko-KR
Ellen	nl-BE
Xander	nl-NL
Nora	no-NO
Zosia	pl-PL
Luciana	pt-BR
Joana	pt-PT
Ioana	ro-RO
Milena	ru-RU
Laura	sk-SK
Alva	sv-SE
Kanya	th-TH
Yelda	tr-TR
Li-mu	zh-CN
Ting-Ting	zh-CN
Yu-shu	zh-CN
Sin-Ji	zh-HK
Mei-Jia	zh-TW



Revision history

Date	Memo
2017-06-13	First edition
