

Widget Customizations - Messaging SDK iOS

DYNAMICS 365 CONTACT CENTER



Messaging Widget Customizations

ContactCenterMessagingWidget framework exposes a fully functional LiveChatMessagingViewController that can be launched from your application. Framework exposes custom UI properties which allows App developer to customize the look and feel of the LiveChatMessagingViewController.

Available methods:

1. LaunchMessagingViewController
This method initializes the messaging view controller also get the delegate instance.

public func launchMessagingViewController(delegate : LCWMessagingDelegate? =
nil) -> LiveChatMessagingViewController

delegate	If you want to listen to various SDK
	events, you must pass the viewcontroller
	instance to delegate and extend your
	class with LCWMessagingDelegate.

2. Get Livechatcontext

In Omnichannel, the "Livechatcontext" feature handles live chat sessions. It contains information such as requestId and chatToken, which are useful for reconnecting a customer to an ongoing conversation if they disconnect and then reconnect.

We store the live chat context from the beginning of a new chat session until it ends.

You can retrieve this livechatcontext using the LiveChatMessaging class. The getLivechatcontext API is available for this purpose.



If livechatcontext is present you get full data dictionary and if not present you will get blank dictionary.

Method Signature

```
public func getLiveChatContext() -> [String : Any]
```

Usage Example

LiveChatMessaging.shared.getLiveChatContext()

- 3. The function below checks the SDK version. NuanMessaging.getVersion()
- 4. The function below checks the chat status. NuanMessaging.getInstance().getChatProgress()
- 5. The following function allows you to check the environment. NuanMessaging.getInstance().getEnvironment()

LCWMessagingDelegate:

To enable your application to monitor various SDK events, pass an instance of the LCWMessagingDelegate class as explained earlier. Following are the delegate-methods exposed to get the events.

```
func onChatMinimizeButtonClicked() {
    print("** ViewController onChatMinimizeButtonClicked")
}
func onChatCloseButtonClicked() {
    print("** ViewController onChatCloseButtonClicked")
```



```
}
func onViewDisplayed() {
  print("** ViewController onViewDisplayed")
}
func onChatInitiated() {
  print("** ViewController onChatInitiated")
}
func onCustomerChatEnded() {
  print("** ViewController onCustomerChatEnded")
}
func onAgentChatEnded() {
  print("** ViewController onAgentChatEnded")
}
func onTitleOption1Clicked() {
  print("** ViewController onTitleOption1Clicked")
}
func onTitleOption2Clicked() {
  print("** ViewController onTitleOption2Clicked")
}
func onAgentAssigned(){
  print("** ViewController onAgentAssigned")
func onLinkClicked(url: String) {
  print("** ViewController linkMessage url : ",url)
}
func onNewCustomerMessage(message: String?) {
  print("** ViewController onNewCustomerMessage message:", message as Any)
}
func onNewMessageReceived(message:LCWGetMessageResponse?) {
  print("** ViewController onNewMessageReceived message:",message?.content as Any)
```



```
func onError(state: MessagingErrorStates, errorMessage: String?) {
    print("** ViewController onError message:", state, errorMessage as Any)
}
func onChatRestored() {
    print("** ViewController onChatRestored")
}
func onPreChatSurveyDisplayed() {
    print("** ViewController onPreChatSurveyDisplayed")
}
func onPostChatSurveyDisplayed() {
    print("** ViewController onPostChatSurveyDisplayed")
}
```

Delegate Methods

@objc optional func onChatMinimizeButtonClicked()

Description: Called when the chat is minimized.

@objc optional func onChatCloseButtonClicked()

Description: Called when the chat is closed.

@objc optional func onViewDisplayed()

Description: Called when the chat is displayed.

@objc optional func onChatInitiated()



Description: Called when the chat is started.

• @objc optional func onCustomerChatEnded()

Description: Called when the chat is ended.

@objc optional func onAgentChatEnded()

Description: Called when the agent ends the chat.

@objc optional func onTitleOption1Clicked()

Description: Called when the first title option is selected.

• @objc optional func onTitleOption2Clicked()

Description: Called when the second title option is selected.

• @objc optional func onAgentAssigned()

Description: Called when an agent is assigned to the chat.

Parameters:

name: The name of the assigned agent.

@objc optional func onLinkClicked(url: String)

Description: Called when a link is clicked.

Parameters:

url: The URL of the clicked link in String format.



@objc optional func onNewCustomerMessage(message: String?)

Description: Called when a customer message is received.

Parameters:

message: The customer message in String format.

@objc optional func onNewMessageReceived(message: LCWGetMessageResponse?)

Description: Called when a new message is received.

Parameters:

message: The new message received model in LCWGetMessageResponse format.

@objc optional func on Error (state: Messaging Error States, error Message: String?)

Description: Called when an error occurs.

Parameters:

state: The state of the error.

errorMessage: Error message received

@objc optional func onPostChatSurveyDisplayed()
 Description: Called when post chat survey displayed on screen

@objc optional func onPreChatSurveyDisplayed()

Description: Called when prechat survey displayed on screen

@objc optional func onChatRestored()



Description: Called when chat get restored

Custom Properties:

FooterSeparationProperties

Name	Туре	Default Value	Description
showFooterSeparation	Bool	false	Boolean to show footer separation.
height	Int	3	Specifies the height of the footer separation.
backgroundColor	UIColor	.gray	Sets the background color of the footer separation.

e.g.:

```
func footerSeparationProperties(vc : LiveChatMessagingViewController) {
    let footerSep = FooterSeparationProperties()
    footerSep.showFooterSeparation = true
    vc.setFooterSeparationViewPropeties(properties: footerSep)
}
```

TitleBarProperties



Name	Туре	Default Value	Description
statusBarColorLight	Bool	true	Boolean to set status bar text color is light.
headerTitle	String	4639	The title text of the header.
headerBackgroundColor	UIColor	UIColor(red: 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	The background color of the header.
headerTitleColor	UIColor	.white	The color of the header title text.
headerTitleFontStyle	UlFont	UIFont(name: "Helvetica", size: 12.0)!	The font style of the header title text.
isHeaderTitleBold	Bool	true	Boolean to set header title text to bold.
shareButtonTextColor	UIColor	.white	The text color of the



			share button.
shareImageData	Data?	nil	The image data for the share button.
shareTextName	String	"Share"	The label for the share button.
shareButtonWidth	Int	35	The width of the share button.
shareButtonHeight	Int	35	The height of the share button.
option1ButtonTextColor	UIColor	.white	The text color of the option1 button.
option1ImageData	Data?	nil	The image data for the option1 button.
option1TextName	String	"Option1"	The label for the option1 button.



option1ButtonWidth	Int	35	The width of the option1 button.
option1ButtonHeight	Int	35	The height of the option1 button.
option2ButtonTextColor	UIColor	.white	The text color of the option2 button.
option2ImageData	Data?	nil	The image data for the option2 button.
option2TextName	String	"Option2"	The label for the option2 button.
option2ButtonWidth	Int	35	The width of the option2 button.
option2ButtonHeight	Int	35	The height of the option2 button.
chimeButtonTextColor	UIColor	.white	The text color of the chime button.



chimeOnImageData	Data?	nil	The image data for the chime button when on.
chimeOffImageData	Data?	nil	The image data for the chime button when off.
chimeTextName	String	"Chime"	The label for the chime button.
chimeTextOn	String	"On"	The label for the chime button when on.
chimeTextOff	String	"Off"	The label for the chime button when off.
chimeButtonWidth	Int	25	The width of the chime button.
chimeButtonHeight	Int	25	The height of the chime button.



chimeSoundData	NSData?	nil	The sound data for the chime button.
emailButtonTextColor	UIColor	.white	The text color of the email button.
emailImageData	Data?	nil	The image data for the email button.
emailTextName	String	"Email"	The label for the email button.
emailButtonWidth	Int	35	The width of the email button.
emailButtonHeight	Int	35	The height of the email button.
closeButtonTextColor	UIColor	.white	The text color of the close button.
closeImageData	Data?	nil	The image data for the close button.



closeTextName	String	"Close"	The label for the close button.
closeButtonWidth	Int	35	The width of the close button.
closeButtonHeight	Int	35	The height of the close button.
minimizeButtonTextColor	UIColor	.white	The text color of the minimize button.
minimizeImageData	Data?	nil	The image data for the minimize button.
minimizeTextName	String	"Minimize"	The label for the minimize button.
minimizeButtonWidth	Int	35	The width of the minimize button.
minimizeButtonHeight	Int	35	The height of the minimize button.



minimumSpaceBetweenHeaderButton	Int	10	The minimum space between header buttons.
showShareButton	Bool	false	Boolean to show share button.
showLogo	Bool	true	Boolean to show logo.
logoImageData	Data?	nil	The image data for the logo.
logolmageWidth	Int	35	The width of the logo image.
logoImageHeight	Int	35	The height of the logo image.
leftHeaderIcons	[Int]	[] as [Int]	The icons on the left side of the header. Use integers from 0 to 7 to add specific icons: 0: close



			1: minimize 2: email 3: share 4: chime 5: logo 6: option1 Button 7: option2 Button
rightHeaderIcons	[Int]	[] as [Int]	The icons on the right side of the header. Use integers from 0 to 7 to add specific icons: 0: close 1: minimize 2: email 3: share 4: chime 5: logo 6: option1 Button 7: option2 Button



setHeaderTitlePosition	TitlePosition	TitlePosition.left	The position of the header title.
isHeaderTitleLogoTogetherRequired	Bool	false	Boolean to show header title and logo together.
headerTitleImageData	Data?	nil	The image data for the header title.
headerTitleImageWidth	Int	35	The width of the header title image.
headerTitleImageHeight	Int	35	The height of the header title image.
headerTitleLeftPadding	Int	0	Add left padding for header title
headerTitleRightPadding	Int	0	Add right padding for header title



```
let titleBar = TitleBarProperties()
   titleBar.statusBarColorLight = false
   titleBar.headerTitle = "Messages"
   titleBar.headerBackgroundColor = .lightGray
   titleBar.headerTitleColor = .yellow
   titleBar.headerTitleFontStyle = UIFont(name: "Helvetica", size: 12.0)!
   titleBar.isHeaderTitleBold = false
   titleBar.shareButtonTextColor = .yellow
   titleBar.shareImageData = UIImage(named: "share")?.pngData()
   titleBar.shareTextName = "Share"
   titleBar.shareButtonWidth = 50
   titleBar.shareButtonHeight = 50
   let bundle = Bundle(for: ViewController.self)
   if let audioFilePath = Bundle.main.path(forResource: <bundleId>, ofType: "mp3") {
     titleBar.chimeSoundData = NSData(contentsOf: URL(fileURLWithPath:
audioFilePath))!
   }
   vc.setTitleBarProperties(properties: titleBar)
 }
```

FooterProperties

Nama	T. m. c	Default Value	Descri
Name	Туре	Default Value	ption



footerViewHeight	Int	120	The height of the footer view.
hideDownloadTranscriptButton	Bool	false	Boolea n used to hide downl oad transcr ipt button or not.
hideEmailTranscriptButton	Bool	false	Boolea n used to hide email transcr ipt button or not.
hideAudioNotificationButton	Bool	false	Boolea n used to hide audio notific ation button or not.



footerBackgroundColor	UIColor	.white	The backgr ound color of the footer.
inputContainerBackgroundColor	UIColor	.white	The backgr ound color of the input contai ner.
footerBorderColor	UIColor	.clear	The border color of the footer.
footerBorderWidth	Int	0	The border width of the footer.
footerCornerRadius	Int	0	The corner radius of the footer.



footerCorners	[CornerRa diusStyle]	[.topRight,.topLeft,.botto mRight,.bottomLeft]	Set individ ual corner radius
textFieldBorderColor	UIColor	UIColor(red: 224/255.0, green: 224/255.0, blue: 224/255.0, alpha: 1.0)	The border color of the text field.
textFieldBorderWidth	Int	1	The border width of the text field.
textFieldCornerRadius	Int	5	The corner radius of the text field.
textFieldCorners	[CornerRa diusStyle]	[.topRight,.topLeft,.botto mRight,.bottomLeft]	Set individ ual corner radius
textFieldTopPadding	Int	0	The top paddin



			g of the text field.
textFieldBottomPadding	Int	0	The botto m paddin g of the text field.
textFieldLeftPadding	Int	5	The left paddin g of the text field.
textFieldRightPadding	Int	5	The right paddin g of the text field.
textFieldFont	UlFont	UIFont(name: "Helvetica", size: 14.0)!	The font of the



			text field.
textFieldTextColor	UIColor	.black	The text color of the text field.
textFieldPlaceHolderColor	UIColor	.lightGray	The placeh older color of the text field.
textFieldHintText	String	"Type your message here"	The hint text of the text field.
textFieldMaxLines	Int	4	The maxim um numbe r of lines for the text field.



textFieldTextAlignment	NSTextAlig nment	NSTextAlignment.left	The text alignm ent of the text field.
textFieldBackgroundColor	UIColor	.white	The backgr ound color of the text field.
isDynamicSizeTextFieldRequired	Bool	false	Boolea n to toggle dynam ic text field resizin g.
isCharacterLimitRequired	Bool	false	A Boolea n to establi sh a charac ter limit.



showRemainingLimitCharacters	Bool	false	Boolea n to display the view of remain ing charac ter limit.
characterLimitTextColor	UIColor	.white	The text color of the charac ter limit label.
characterLimitTextFont	UlFont	UIFont(name: "Helvetica", size: 12)!	The font of the charac ter limit label.
characterLimitBackgroundColor	UIColor	.white	The backgr ound color of the charac



			ter limit label.
textFieldCharacterLimit	Int	120	The charac ter limit of the text field.
characterLimitBottomPadding	Int	0	The botto m paddin g of the charac ter limit label.
characterLimitRightPadding	Int	0	The right paddin g of the charac ter limit label.
characterLimitTopPadding	Int	0	The top



			paddin
			g of
			the
			charac
			ter
			limit
			label.
			The
			left
			paddin
			g of
characterLimitLeftPadding	Int	0	the
			charac
			ter
			limit
			label.
			The
	Int	50	width
			of the
characterLimitViewWidth			charac
			ter
			limit
			view.
			The
			height
			of the
abayaatayliyaitViayyllaidht	Int	50	charac
characterLimitViewHeight	1111	30	
			ter limit
			view.



keyboardType	UIKeyboar dType	UIKeyboardType.default	The keyboa rd type for the text field.
sendMessageOnReturn	Bool	false	Boolea n for sendin g a messa ge on return key.
dismissKeyBoardOnReturn	Bool	true	Boolea n to hide the keyboa rd on return.
showTextForChime	Bool	false	Boolea n to display text for the chime button.
chimeButtonTextFont	UlFont	UIFont(name: "Helvetica", size: 12)!	The font of the



			chime button text.
chimeButtonTextColor	UIColor	.white	The text color of the chime button.
chimeOnImageData	Data?	nil	The image data for the chime button when on.
chimeOffImageData	Data?	nil	The image data for the chime button when off.
chimeTextName	String	"Chime"	The text name for the



			chime button.
chimeTextOn	String	"On"	The text for the chime button when on.
chimeTextOff	String	"Off"	The text for the chime button when off.
chimeSoundData	NSData?	nil	The sound data for the chime button.
showTextForEmailButton	Bool	false	Boolea n to display text for the email button.



showEmailTextFont	UlFont	UIFont(name: "Helvetica", size: 12)!	The font of the email button text.
emailTranscriptButtonTextColor	UIColor	.white	The text color of the email transcr ipt button.
emailTranscriptImageData	Data?	nil	The image data for the email transcr ipt button.
emailTranscriptText	String	"Email"	The text for the email transcr ipt button.
showTextForDownloadTranscript	Bool	false	Boolea n to



			display text for the downl oad transcr ipt button.
downloadTranscriptTextFont	UlFont	UIFont(name: "Helvetica", size: 12)!	The font of the downl oad transcr ipt button text.
downloadTranscriptButtonTextColor	UIColor	.white	The text color of the downl oad transcr ipt button.
downloadTranscriptImageData	Data?	nil	The image data for the downl



			oad transcr ipt button.
downloadTranscriptTextName	String	"Download"	The text name for the downl oad transcr ipt button.
BANNER_FILE_NULL_ERROR	String	"There was an error uploading the file, please try again."	The error messa ge for a null file upload
BANNER_FILE_SIZE_EXTENSION_ERR OR	String	"File exceeds the allowed limit of 5 MB and .txt files are not supported."	The error messa ge for a file size and extensi on error.



BANNER_FILE_EXTENSION_ERROR	String	".txt files are not supported."	The error messa ge for an unsup ported file extensi on.
BANNER_FILE_IS_EMPTY_ERROR	String	"This file can't be attached because it's empty. Please try again with a different file."	The error messa ge for an empty file upload
BANNER_ERROR_MESSAGE	String	"Upload failed, please try again."	The generi c error messa ge for a file upload failure.
BANNER_FILE_SIZE_ERROR	String	"File exceeds the allowed limit of 5 MB."	The error messa ge for a



			file size limit exceed ed.
MIDDLEWARE_BANNER_FILE_SIZE_ WITHOUT_EXTENSION_ERROR	String	"File .txt exceeds the allowed limit of 5 MB and please upload the file with an appropriate file extension."	The error messa ge for a file size limit exceed ed withou t extensi on.
MIDDLEWARE_BANNER_FILE_WITHO UT_EXTENSION	String	"File upload error. Please upload the file image01 with an appropriate file extension."	The error messa ge for a file upload withou t extensi on.



```
let footerSep = FooterSeparationProperties()
footerSep.showFooterSeparation = true
footerSep.height = 1
footerSep.backgroundColor = .black
vc.setFooterSeparationViewPropeties(properties: footerSep)
}
```

SendButtonProperties

Name	Туре	Default Value	Descript ion
buttonImageData	Data?	nil	The image data for the button.
disableImageData	Data?	nil	The image data for the disabled button.
borderColor	UIColor	.white	The border color of the button.



borderWidth	Int	0	The border width of the button.
cornerRadius	Int	0	The corner radius of the button.
buttonCorners	[CornerRadius Style]	[.topRight,.topLeft,.bottomRight,.bottomLeft]	Set individua l corner radius
buttonTitle	String	1111	The title of the button.
backgroundColor	UIColor	.white	The backgro und color of the button.
textColor	UIColor	.white	The text color of the button.
gradientEffect	[UIColor]	[.white, .white, .white]	The gradient effect



			colors of the button.
gradientEffectLocation s	[NSNumber]	[0.0, 0.0, 0.0]	The location s of the gradient effect colors.
useGradientEffect	Bool	false	Boolean to use the gradient effect or not.
buttonFieldRightMargin	Int	10	The right margin of the button field.
buttonFieldTopMargin	Int	5	The top margin of the button field.
buttonFieldBottomMar gin	Int	10	The bottom margin of the



			button field.
buttonWidth	Int	30	The width of the button.
buttonHeight	Int	30	The height of the button.
sendButtonWidth	Int	50	The width of the send button.
toggleSendStateAfterM sgSend	Bool	true	Boolean for toggle the send state after sending a message or not.
disableBorderColor	UIColor	.white	The border color of the disabled button.



disableBorderWidth	Int	0	The border width of the disabled button.
disableCornerRadius	Int	5	The corner radius of the disabled button.
disableButtonCorners	[CornerRadius Style]	[.topRight,.topLeft,.bottomRight,.bottomLeft]	Set individua l corner radius
disableButtonTitle	String	ш	The title of the disabled button.
disableBackgroundCol or	UIColor	.white	The backgro und color of the disabled button.
disableTextColor	UIColor	.white	The text color of the



			disabled
			button.
			The
			gradient
			effect
disableGradientEffect	[UIColor]	[.white, .white, .white]	colors of
			the
			disabled
			button.
			The
		[0.0, 0.0, 0.0]	location
	[NSNumber]		s of the
disableGradientEffectL			gradient
ocations			effect
Ocations			colors
			for the
			disabled
			button.
		false	Boolean
			to use
			gradient
disableUseGradientEff	Bool		effect for
ect	Вост	latse	the
			disabled
			button or
			not.



```
sendBtnProp.borderWidth = 5
sendBtnProp.cornerRadius = 0
sendBtnProp.backgroundColor = .systemPink
sendBtnProp.gradientEffect = [.black, .white, .white]
vc.setSendButtonProperties(properties: sendBtnProp)
}
```

Customer Information Messages

Name	Туре	Default Value	Description
networkNotAvailable	String	"Network interruption occur. Reconnecting "	Message displayed when the network is not available.
networkNotAvalaibleNotification	String	"Unable to connect - Please check your internet connection"	Notification message for network unavailability.
disconnectedNotification	String	"Your conversation has been disconnected. For additional assistance, please start a new chat."	Notification message for disconnection.
networkLongTime	String	"Taking longer than usual to connect."	Message displayed for long network



			connection time.
networkAvailable	String	"You\'re back online"	Message displayed when the network is available.
defaultCustomerName	String		Default customer name.
closeButtonAccessibilityMessage	String	"Close chat window."	Accessibility message for the close button.
minimizeButtonAccessibilityMessage	String	"Minimize chat window."	Accessibility message for the minimize button.
emailButtonAccessibilityMessage	String	"Send copy of chat transcript."	Accessibility message for the email button.
shareButtonAccessibilityMessage	String	"Send copy of chat transcript."	Accessibility message for the share button.
downloadButtonAccessibilityMessage	String	"Download copy of chat transcript."	Accessibility message for the download button.
option1ButtonAccessibilityMessage	String	"Option1 button."	Accessibility message for the option1 button.



option2ButtonAccessibilityMessage	String	"Option2 button."	Accessibility message for the option2 button.
chimeButtonOnAccessibilityMessage	String	"Incoming chat chime, ON"	Accessibility message for the chime button when on.
chimeButtonOffAccessibilityMessage	String	"Incoming chat chime, OFF"	Accessibility message for the chime button when off.
sendButtonAccessibilityMessage	String	"Send"	Accessibility message for the send button.
inputTextAccessibilityMessage	String	"InputText"	Accessibility message for the input text field.
titleAccessibilityMessage	String	nn	Accessibility message for the title.

e.g.

func customerInformationMessages(vc : LiveChatMessagingViewController) {
 let customerInfo = CustomerInformationMessages()
 customerInfo.networkNotAvailable = "Network not available"
 customerInfo.networkLongTime = "Taking longer than usual to connect."
 customerInfo.emailButtonAccessibilityMessage = "Send chat transcript."



```
vc.setStringProperties(properties: customerInfo)
}
```

MessagingViewProperties

Name	Туре	Default Value	Descri ption
customerName	String?	nil	The name of the custo mer.
rehydrate	Bool	false	Indicat es wheth er to rehydr ate the messa ge.
keyboardDismissMode	UIScrollView.Keyboa rdDismissMode	.interactive	The mode for dismis sing the keyboa rd.



			Adjust
			s
			bubble
			size as
			per
			conten
hugCustomerMessageCont	Bool	truo	t or
ent	БООТ	true	screen
			width
			for
			custo
			mer
			messa
			ges.
	Bool		Adjust
		true	s
			bubble
			size as
			per
			conten
hugAgentMessageContent			t or
			screen
			width
			for
			agent
			messa
			ges.
			The
		7	space
setSpaceBetweenBubble	Int		betwe
			en
			messa



			ge bubble s.
isChatFromBottom	Bool	true	Indicat es wheth er the chat starts from the botto m.
messagingTranscriptBackgr oundColor	UlColor	UIColor(red: 248/255.0, green: 248/255.0, blue: 248/255.0, alpha: 1.0)	The backgr ound color of the messa ging transcr ipt.
adaptiveCardViewBackgrou nd	UIColor	.white	The backgr ound color of the adapti ve card view.



			The image
_			data
agenticonimageData	Data?	nil	for the
			agent
			icon.
			Indicat
			es
			wheth
			er to
			show
showNameInBubbles	Bool	false	names
			in
			messa
			ge
			bubble
			s.
		true	Indicat
			es
			wheth
			er to
showNameInTimeStamp	Bool		show
			names
			in the
			timest
			amp.
			The
		.darkGray	color
_agentNameColor	UIColor		of the
			agent'
			s



			name text.
agentNameTextColor	UIColor	.darkGray	The text color of the agent' s name.
_customerTextColor	UIColor	.darkGray	The color of the custo mer's name text.
customerNameTextColor	UIColor	.darkGray	The text color of the custo mer's name.
agentMessageBackground Color	UIColor	UIColor(red: 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	The backgr ound color of the agent' s



			messa ge.
agentMessageTextColor	UIColor	.white	The text color of the agent' s messa ge.
agentMessageBorderColor	UIColor	UIColor(red: 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	The border color of the agent' s messa ge.
agentMessageCornerRadiu s	Int	5	The corner radius of the agent' s messa ge.
agentMessageCorners	[CornerRadiusStyle]	[.topRight,.topLeft,.botto mRight,.bottomLeft]	Set individ ual



			corner
			radius
			The
			border
			width
agentMessageBorderWidth	Int	1	of the
agonti 1000ago Boraoi Wiatii		•	agent'
			s
			messa
			ge.
			The
			font
			style
agentMessageFontStyle	UlFont	UIFont(name: "Helvetica", size: 17.0)!	of the
agonti 1000agoi ontotyto			agent'
			s
			messa
			ge.
		false	Apply
			fix cell
applyCellWidthForAgent	Bool		width
appty continuin on Igoni			for
			agent
			cell
a gantManaga GallMi altic	lot	200	cell
agentMessageCellWidth	Int	200	width
		10	The
agentTopPadding	Int		top
			paddin
	_		g of



			the
			agent'
			s
			messa
			ge.
			The
			botto
			m
			paddin
agentBottomPadding	Int	10	g of
agonibottonn adding		10	the
			agent'
			S
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showAgentSpeechIcon		true	Flag
	Bool		which
			hide
			and



			show agent icon
agentSpeechlcon	Data?	nil	The image data for the agent' s speec h icon.
agentSpeechInitialBackgro undColor	UlColor	UIColor(red: 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	The backgr ound color of the agent' s speec h initial.
agentSpeechInitialFontStyl e	UlFont	UIFont(name: "HelveticaNeue-bold", size: 14)!	The font style of the agent' s speec h initial.



agentSpeechInitialTextAlign ment	NSTextAlignment	NSTextAlignment.center	The text alignm ent of the agent' s speec h initial.
agentSpeechInitialTextColo r	UIColor	.white	The text color of the agent' s speec h initial.
agentSpeechInitialSize	CGRect	CGRectMake(0, 0, 40, 40)	The size of the agent's s speech initial.
customerMessageBackgrou ndColor	UIColor	.white	The backgr ound color



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customerMessageTextColor	UIColor	.black	custo
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			ge cell
customerMessageCorners	[CornerRadiusStyle]	[.topRight,.topLeft,.botto mRight,.bottomLeft]	Set individ ual



			corner radius
customerMessageBorderWi dth	Int	1	The border width of the custo mer's messa ge.
customerMessageFontStyle	UIFont	UIFont(name: "Helvetica", size: 17.0)!	The font style of the custo mer's messa ge.
applyCellWidthForCustom er	Bool	false	Apply fixed cell width for custo mer's cell
customerMessageCellWidt h	Int	200	Add fix width for cell



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customerLeftPadding	Int		the
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customerRightPadding	Int	10	right
			paddin



			g of the custo mer's messa ge.
customerMessageLeftMargi n	Int	10	The left margin of the custo mer's messa ge.
customerMessageRightMar gin	Int	10	The right margin of the custo mer's messa ge.
customerSpeechlcon	Data?	nil	The image data for the custo mer's speec h icon.



customerMessageTextAlign ment	NSTextAlignment	NSTextAlignment.left	The text alignm ent of the custo mer's messa ge.
customerNameFontStyle	UIFont	UIFont(name: "Helvetica", size: 20.0)!	The font style of the custo mer's name.
agentNameFontStyle	UIFont	UIFont(name: "HelveticaNeue", size: 12.0)!	The font style of the agent' s name.
systemMessageTextColor	UIColor	UIColor(red: 224/255.0, green: 224/255.0, blue: 224/255.0, alpha: 1.0)	The text color of the syste m messa ge.



systemMessageFontStyle	UlFont	UIFont(name: "Helvetica", size: 12.0)!	The font style of the syste m messa ge.
systemMessageBackgroun dColor	UIColor	.clear	The backgr ound color of the syste m messa ge.
systemMessageBorderColo r	UIColor	.clear	The border color of the syste m messa ge.
systemMessageCornerRadi us	Int	0	The corner radius of the syste m



			messa ge.
systemMessageCorners	[CornerRadiusStyle]	[.topRight,.topLeft,.botto mRight,.bottomLeft]	Set individ ual corner radius
systemMessageBorderWidt h	Int	0	The border width of the syste m messa ge.
systemMessageAlignment	NSTextAlignment	NSTextAlignment.left	The text alignm ent of the syste m messa ge.
systemMessageTopMargin	Int	0	The top margin of the syste m



			messa
			ge.
systemMessageBottomMar gin	Int	0	The botto m margin of the syste m messa ge.
systemMessageLeftMargin	Int	15	The left margin of the syste m messa ge.
systemMessageRightMargin	Int	15	The right margin of the syste m messa ge.
systemMessageLeftPaddin g	Int	0	The left paddin g of



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			ge.
agentTypingMessageBackgr oundColor	UIColor	.clear	The backgr ound color of the agent' s typing messa ge.
agentTypingTextBackground Color	UIColor	.clear	The backgr ound color of the agent' s typing text.
agentTypingMessageBorder Color	UIColor	.clear	The border color of the agent' s typing messa ge.



agentTypingMessageCorner Radius	Int	5	The corner radius of the agent' s typing messa ge.
agentTypingMessageCorner s	[CornerRadiusStyle]	[.topRight,.topLeft,.botto mRight,.bottomLeft]	Set individ ual corner radius
agentTypingMessageBorder Width	Int	1	The border width of the agent' s typing messa ge.
agentTypingTextColor	UIColor	UIColor(red: 113/255.0, green: 121/255.0, blue: 126/255.0, alpha: 1.0)	The text color of the agent' s typing



			messa
			ge.
agentTypingTextFontStyle	UIFont	UIFont(name: "HelveticaNeue", size: 13.0)!	The font style of the agent' s typing messa ge.
agentTypingTextAlignment	NSTextAlignment	NSTextAlignment.left	The text alignm ent of the agent' s typing messa ge.
agentTypingAccessibilityMe ssage	String	ш	The access ibility messa ge for the agent' s typing



			messa ge.
agentTypingMessageTopMa rgin	Int	5	The top margin of the agent' s typing messa ge.
agentTypingMessageBotto mMargin	Int	5	The botto m margin of the agent' s typing messa ge.
agentTypingMessageLeftMa rgin	Int	0	The left margin of the agent' s typing messa ge.



agentTypingMessageRightM argin	Int	0	The right margin of the agent' s typing messa ge.
agentTypingTextLeftMargin	Int	10	The left margin of the agent' s typing text.
agentTypingTextTopMargin	Int	2	The top margin of the agent' s typing text.
agentTypingTextRightMargin	Int	0	The right margin of the agent' s



			typing text.
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showTypingAnimation			er to
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			the
			typing
			animat
			ion.



showTypingAnimationText	Bool	true	Indicat es wheth er to show the typing animat ion text.
typingAnimationTextFontSty le	UlFont	UIFont(name: "HelveticaNeue", size: 13.0)!	The font style of the typing animat ion text.
typingAnimationTextColor	UlColor	UIColor(red: 113/255.0, green: 121/255.0, blue: 126/255.0, alpha: 1.0)	The text color of the typing animat ion text.
typingAnimationImage	Ullmage?	Ullmage.animatedImage(with: showIndicatorAnimation(), duration: 0)	The image for the typing



			animat
typingAnimationImageBack groundColor	UIColor	.clear	The backgr ound color of the typing animat ion image.
typingAnimationImageWidt h	Int	30	The width of the typing animat ion image.
typingAnimationImageHeig ht	Int	30	The height of the typing animat ion image.
typingAnimationImageLeft Margin	Int	10	The left margin of the typing animat



			ion image.
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			ion
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ndColor	0100101		of the
			static
			typing
			image.
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			width
typingStaticImageWidth	Int	30	of the
	Int		static
			typing
			image.



typingStaticImageHeight	Int	30	The height of the static typing image.
typingStaticImageLeftMargi n	Int	10	The left margin of the static typing image.
typingStaticImageTopMargi n	Int	3	The top margin of the static typing image.
showNetworkStatusAnimat ionImage	Bool	true	Indicat es wheth er to show the networ k status animat



			ion
			image.
			Indicat
			es
			wheth
			er to
			show
showNetworkStatusAnimat	Pool	+===	the
ionText	Bool	true	networ
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			image
		Ullmage.animatedImage(for the
networkStatusAnimationIm	LIIIma ga?	with:	networ
age	Ullmage?	showNetworkErrorAnimat	k
		ion(), duration: 1)	status
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			ion.
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			top
			margin
networkAnimationCellTopM			of the
argin	Int	0	networ
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			animat
			ion
			cell.



networkAnimationCellBotto mMargin	Int	0	The botto m margin of the networ k animat ion cell.
networkAnimationCellLeft Margin	Int	0	The left margin of the networ k animat ion cell.
networkAnimationCellRight Margin	Int	0	The right margin of the networ k animat ion cell.
networkAnimationCellBack groundColor	UIColor	.clear	The backgr ound



			color of the networ k animat ion cell.
networkAnimationTextBack groundColor	UIColor	.clear	The backgr ound color of the networ k animat ion text.
networkAnimationCellBord erColor	UIColor	.clear	The border color of the networ k animat ion cell.
networkAnimationCellCorn erRadius	Int	5	The corner radius of the networ



			k animat ion cell.
networkAnimationCellCorn ers	[CornerRadiusStyle]	[.topRight,.topLeft,.botto mRight,.bottomLeft]	Set individ ual corner radius
networkAnimationCellBord erWidth	Int	1	The border width of the networ k animat ion cell.
networkStatusAnimationIm ageWidth	Int	20	The width of the networ k status animat ion image.
networkStatusAnimationIm ageHeight	Int	20	The height of the networ



			k status animat ion image.
networkStatusAnimationIm ageLeftMargin	Int	10	The left margin of the networ k status animat ion image.
networkStatusAnimationIm ageTopMargin	Int	0	The top margin of the networ k status animat ion image.
networkStatusAnimationIm ageBackgroundColor	UIColor	.clear	The backgr ound color of the networ



			k status animat ion image.
networkStatusAnimationTex tFontStyle	UlFont	UIFont(name: "HelveticaNeue", size: 13.0)!	The font style of the networ k status animat ion text.
networkStatusAnimationTex tColor	UIColor	UIColor(red: 113/255.0, green: 121/255.0, blue: 126/255.0, alpha: 1.0)	The text color of the networ k status animat ion text.
networkStatusAnimationTex tTopMargin	Int	10	The top margin of the networ k



networkStatusAnimationTex tLeftMargin Int Int 10 Int 10 Int Int Int Int Int Int Int In				status
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networkStatusAnimationTex tRightMargin Int 10 margin of the networ				
tRightMargin of the networ		Int	10	
networ		i ii i		
				k



			status animat ion text.
networkStatusStaticImage	Ullmage?	nil	The static image for networ k status.
networkStaticCellTopMargi n	Int	0	The top margin of the networ k static cell.

Name	Туре	Default Value	Descrip tion
			The
	Int	0	bottom
networkStaticCellBottomMargin			margin
			of the
			network
			static
			cell.



networkStaticCellLeftMargin	Int	0	The left margin of the network static cell.
networkStaticCellRightMargin	Int	0	The right margin of the network static cell.
networkStaticCellBackgroundC olor	UIColor	.clear	The backgro und color of the network static cell.
networkStaticCellBorderColor	UIColor	.clear	The border color of the network static cell.
networkStaticCellCornerRadius	Int	5	The corner radius of the



			network static cell.
networkStaticCellCorners	[CornerRadi usStyle]	[.topRight,.topLeft,.bottomR ight,.bottomLeft]	Set individu al corner radius
networkStaticCellBorderWidth	Int	1	The border width of the network static cell.
networkStaticImageWidth	Int	20	The width of the network static image.
networkStaticImageHeight	Int	20	The height of the network static image.
networkStaticImageLeftMargin	Int	10	The left margin of the network



			static image.
networkStaticImageTopMargin	Int	2	The top margin of the network static image.
networkStaticImageBackground Color	UIColor	.clear	The backgro und color of the network static image.
networkStaticTextFontStyle	UlFont	UIFont(name: "HelveticaNeue", size: 13.0)!	The font style of the network static text.
networkStaticTextColor	UIColor	UIColor(red: 113/255.0, green: 121/255.0, blue: 126/255.0, alpha: 1.0)	The text color of the network static text.
networkStaticTextTopMargin	Int	10	The top margin



			of the
			network
			static
			text.
			The
			bottom
			margin
networkStaticTextBottomMargin	Int	10	of the
			network
			static
			text.
			The left
			margin
notive alcetatic Toyal of the agin	let	10	of the
networkStaticTextLeftMargin	Int		network
			static
			text.
	lar	10	The right
			margin
networkStaticTextRightMargin			of the
Tietwork Static Text Right Margin	Int		network
			static
			text.
			The
			image
agentBackgroundImageData			data for
	Data?	nil	the
			agent's
			backgro
			und.



customerBackgroundImageDat a	Data?	nil	The image data for the custom er's backgro und.
setConversationBackgroundIm age	Bool	false	Indicate s whether to set a backgro und image for the convers ation.
setSpeechBubbleView	Bool	true	Indicate s whether to set a speech bubble view.
setAgentBackgroundImageStret chTopInset	Int	0	The top inset for stretching the agent's backgro



			und
			image.
			The left
			inset for
			stretchi
setAgentBackgroundImageStret	Int	0	ng the
chLeftInset	inc		agent's
			backgro
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			image.
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setAgentBackgroundImageStret	Int	0	ng the
chRightInset	IIIC	J	agent's
			backgro
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			image.
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			inset for
setAgentBackgroundImageStret			stretchi
chBottomInset	Int		ng the
			agent's
			backgro
			und
			image.
setCustomerBackgroundImage StretchTopInset			The top
	Int	0	inset for
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setCustomerBackgroundImage	Int	0	custom
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setCustomerBackgroundImage StretchBottomInset	Int	0	stretchi
			ng the
			custom
			er's
			backgro



			und image.
setAgentBackgroundImageStret chingPoint	UIEdgeInset s?	nil	The stretchi ng point for the agent's backgro und image.
setCustomerBackgroundImage StretchingPoint	UIEdgeInset s?	nil	The stretchi ng point for the custom er's backgro und image.
setMessageTimeStamp	Bool	true	Indicate s whether to set a timesta mp for messag es.
setMessageTimeStampFormat	String	"HH:mm"	The format for the messag



			e timesta mp.
showTimestampLowerCase	Bool	true	Indicate s whether to show the timesta mp in lowerca se.
agentTimeStampBackgroundCo lor	UIColor	.clear	The backgro und color of the agent's timesta mp.
agentTimeStampTextColor	UIColor	.darkGray	The text color of the agent's timesta mp.
agentTimeStampBorderColor	UIColor	.clear	The border color of the agent's



			timesta
			mp.
agentTimeStampCornerRadius	Int	0	The corner radius of the agent's timesta mp.
agentTimeStampCorners	[CornerRadi usStyle]	[.topRight,.topLeft,.bottomR ight,.bottomLeft]	Set individu al corner radius
agentTimeStampBorderWidth	Int	0	The border width of the agent's timesta mp.
agentTimeStampFontStyle	UlFont	UIFont(name: "HelveticaNeue", size: 11.0)!	The font style of the agent's timesta mp.
agentTimeStampTextAlignment	NSTextAlign ment	NSTextAlignment.natural	The text alignme nt of the agent's



			timesta
			mp.
			The left
			padding
agentTimeStampLeftPadding	Int	2	of the
agent innestample in adding	1110		agent's
			timesta
			mp.
			The right
			padding
agentTimeStampRightPadding	Int	0	of the
agentrimeStampriightrauding	1110		agent's
			timesta
			mp.
	Int	0	The top
			padding
agentTimeStampTopPadding			of the
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			bottom
agantTimaStampBattamBaddin			padding
agentTimeStampBottomPaddin	Int	0	of the
g			agent's
			timesta
			mp.
agentTimeStampLeftMargin	Int	0	The left
			margin
			of the



			agent's timesta mp.
agentTimeStampRightMargin	Int	0	The right margin of the agent's timesta mp.
agentTimeStampTopMargin	Int	2	The top margin of the agent's timesta mp.
agentTimeStampBottomMargin	Int	0	The bottom margin of the agent's timesta mp.
customerTimeStampBackgroun dColor	UIColor	.clear	The backgro und color of the custom er's



			timesta mp.
customerTimeStampTextColor	UIColor	.darkGray	The text color of the custom er's timesta mp.
customerSendingFailedTextCol or	UIColor	.red	The text color for failed custom er messag es.
customerTimeStampBorderCol or	UIColor	.clear	The border color of the custom er's timesta mp.
customerTimeStampCornerRad ius	Int	0	The corner radius of the custom er's



			timesta mp.
customerTimeStampCorners	[CornerRadi usStyle]	[.topRight,.topLeft,.bottomR ight,.bottomLeft]	Set individu al corner radius
customerTimeStampBorderWid th	Int	0	The border width of the custom er's timesta mp.
customerTimeStampFontStyle	UlFont	UIFont(name: "HelveticaNeue", size: 11.0)!	The font style of the custom er's timesta mp.
customerTimeStampTextAlignm ent	NSTextAlign ment	NSTextAlignment.right	The text alignme nt of the custom er's timesta mp.



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customerTimeStampLeftPaddin			padding
			of the
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			timesta
			mp.
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			The right
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customerTimeStampRightPaddi			of the
ng	Int	2	custom
			er's
			timesta
			mp.
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customerTimeStampTopPaddin			custom
g			er's
			timesta
			mp.
			The
			bottom padding
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customerTimeStampBottomPa	Int	0	custom
dding			
			er's
			timesta
			mp.
customerTimeStampLeftMargin	Int	0	The left
ouotomorminootampeorti iaigin			margin



			of the custom er's timesta mp.
customerTimeStampRightMargi n	Int	0	The right margin of the custom er's timesta mp.
customerTimeStampTopMargin	Int	2	The top margin of the custom er's timesta mp.
customerTimeStampBottomMa rgin	Int	0	The bottom margin of the custom er's timesta mp.
setAgentIconImagePosition	Int	0	Specifie s the position of the



			agent's
			icon
			image.
			Set
			integer
			values
			as
			follows:
			top = 0,
			center =
			1,
			bottom
			= 2.
			The
		0	position
			of the
			custom
			er's icon
			image.
			Set
aatCustomorloonImagaPosition			integer
setCustomerlconImagePosition	Int		values
			as
			follows:
			top = 0,
			center =
			1,
			bottom
			= 2.
htmlLinkColor	UIColor	.blue	The
	3.00.01		color of



			HTML
			links.
			The
			color of
htmlLinkGreyScaleModeColor	UIColor	.blue	HTML
			links in
			greyscal
			e mode.
			The
			messag
			е
agentTypingMessage	String		displaye
agentryping reedage			d when
			the
			agent is
			typing.
			Indicate
		false	s
			whether
ignoreDefaultChime	Bool		to
ignore benduction in the	Boot		ignore
			the
			default
			chime.
			Indicate
			s
playVoiceOverOnRestore	Bool	false	whether
			to play
			voice-



		over on
		restore.
		Indicate
		S
Bool	true	whether
2001		to group
		messag
		es.
		Indicate
		s
		whether
Rool	true	to group
Boot	truc	messag
		es by
		timesta
		mp only.
		The
Int	10	space
		betwee
		n
		groupin
		g cells.
		Indicate
		S
		whether
Bool	true	to show
		the
		activity
		indicato
		r.
	Bool	Bool true Int 10



messageSendingText	String	"Sending "	The text displaye d when a messag e is being sent.
messageSentText	String	"Sent"	The text displaye d when a messag e is sent.
messageFailedText	String	"Failed"	The text displaye d when a messag e fails to send.
timestampMessageSeparator	String	" _ "	The separat or for timesta mp messag es.



imageCardTitleFontStyle	UIFont	UIFont(name: "HelveticaNeue-bold" , size: 17.0)!	Imageca rd title font style.
imageCardTitleAlignment	NSTextAlign ment	. natural	Imageca rd title text alignme nt.
imageCardTitleColor	UIColor	.black	Text color of ImageC ard title.

Name	Title	Default Value	Description
suggestedActionBa ckgroundColor	Suggested Action Background Color	UIColor.clear	Suggested action full view background color
suggestedActionBu ttonBackgroundCol or	Suggested Action Button Background Color	.white	Suggested action button background color
suggestedActionBu ttonBorderColor	Suggested Action Button Border Color	UIColor(red: 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	Suggested action buttons border color



suggestedActionBu ttonBorderWidth	Suggested Action Button Border Width	2	Suggested action buttons border width
suggestedActionBu ttonCornerRadius	Suggested Action Button Corner Radius	0	Suggested action buttons corner radius
suggestedActionBu ttonCorners	Suggested Action Button Corners	[.topRight,.topLeft,.b ottomRight,.bottomL eft]	Suggested action buttons add corners for individual section e.g. topRight
suggestedActionBu ttonTitleColor	Suggested Action Button Title Color	UIColor(red: 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	Suggested action buttons title color
suggestedActionBu ttonTitleFontStyle	Suggested Action Button Title Font Style	UIFont(name: kFontName, size: 19)!	Suggested action buttons title font size

Name	Title	Default Value	Description
suggestedActionRightA rrowBackgroundColor	Suggested Action Right Arrow	.darkGray	Right arrow button color



	Background Color		
suggestedActionLeftArr owBackgroundColor	Suggested Action Left Arrow Background Color	.darkGray	Left arrow button color
suggestedActionRightA rrowBorderColor	Suggested Action Right Arrow Border Color	.darkGray	Right arrow button border color
suggestedActionLeftArr owBorderColor	Suggested Action Left Arrow Border Color	.darkGray	Left arrow button border color
suggestedActionRightA rrowBorderWidth	Suggested Action Right Arrow Border Width	2	Right arrow button border width
suggestedActionLeftArr owBorderWidth	Suggested Action Left Arrow Border Width	2	Left arrow button border width
suggestedActionRightA rrowCornerRadius	Suggested Action Right Arrow Corner Radius	15	Right arrow button corner radius
suggestedActionLeftArr owCornerRadius	Suggested Action Left Arrow Corner Radius	15	Left arrow button corner radius



suggestedActionRightA rrowImage	Suggested Action Right Arrow Image	None	Right arrow button image
suggestedActionLeftArr owImage	Suggested Action Left Arrow Image	None	Left arrow button image

```
e.g.
```

```
func messagingViewProperties(vc : LiveChatMessagingViewController) {
   let transcriptView = MessagingViewProperties()
   transcriptView.rehydrate = true
   transcriptView.agentMessageTextAlignment = .justified
   transcriptView.agentTypingTextTopMargin = 10
   vc.setTranscriptViewPropeties(properties: transcriptView)
}
```

EmailPaneProperties

Name	Туре	Default Value	Descrip tion
isErrorlmageRequired	Bool	true	Indicate
			S
			whether
			an error
			image is
			required
			•



enableSendButton	Bool	true	Indicate s whether the send button is enabled.
placeholderPadding	[CGFloat]	[5.0, 5.0, 5.0, 5.0]	The padding for the placehol der.
transparentBackgroundCo lorOpacity	Float	0.8	The opacity of the transpar ent backgro und color.
transparentBackgroundCo lor	UIColor	UIColor(red: 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	The transpar ent backgro und color.
emailPaneBackgroundCol or	UIColor	.white	The backgro und color of the



			email pane.
emailPaneHeight	Double	150.0	The height of the email pane.
emailPaneHeightAtLandsc ape	Double	150.0	The height of the email pane in landsca pe mode.
emailPaneTextGroupSpaci ng	Int	15	The spacing between text groups in the email pane.
hideTitle	Bool	false	Hide title.
titleText	String	"Please provide e-mail address to send transcript."	The text of the title.
titleTextColor	UIColor	.black	The color of



			the title text.
titleTextFontStyle	UlFont	UIFont(name: "Helvetica", size: 20.0)!	The font style of the title text.
titleTextAlignment	NSTextAlignm ent	NSTextAlignment.natural	The alignme nt of the title text.
hideSubTitle	Bool	false	Hide subtitle.
subTitleText	String	"The transcript will be sent after the chat ends."	The text of the subtitle.
subTitleTextColor	UIColor	.black	The color of the subtitle text.
subTitleTextFontStyle	UlFont	UIFont(name: "Helvetica", size: 15.0)!	The font style of the subtitle text.
subTitleTextAlignment	NSTextAlignm ent	NSTextAlignment.natural	The alignme nt of the



			subtitle text.
cancelButtonText	String	"Cancel"	The text of the cancel button.
cancelButtonBackground Color	UIColor	.white	The backgro und color of the cancel button.
cancelButtonTextColor	UIColor	UIColor(red: 113/255.0, green: 121/255.0, blue: 126/255.0, alpha: 1.0)	The text color of the cancel button.
cancelButtonBorderColor	UIColor	UIColor(red: 113/255.0, green: 121/255.0, blue: 126/255.0, alpha: 1.0)	The border color of the cancel button.
cancelButtonFontStyle	UIFont	UIFont(name: "HelveticaNeue-bold", size: 14.0)?.withWeight(.bold)!	The font style of the cancel button.



buttonGroupViewHeight	Int	60	The height of the button group view.
buttonGroupInBetweenBor derWidth	Int	10	The border width between buttons in the group.
buttonGroupViewTopBorde rWidth	Int	3	The border width of the button group view.
buttonGroupBackgroundC olor	UIColor	.white	The backgro und color of the button group.
sendButtonBorderColor	UlColor	UIColor(red: 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	The border color of



			the send button.
sendButtonTextColor	UIColor	.white	The text color of the send button.
sendButtonText	String	"Send"	The text of the send button.
sendButtonBackgroundCo lor	UIColor	UIColor(red: 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	The backgro und color of the send button.
sendButtonFontStyle	UIFont	UIFont(name: "HelveticaNeue-bold", size: 14.0)?.withWeight(.bold)!	The font style of the send button.
emailTextFieldCornerRadi us	Int	2	The corner radius of the email text field.
emailTextFieldCorners	[CornerRadiu sStyle]	[.topRight,.topLeft,.bottomRigh t,.bottomLeft]	Set individu al



			corner radius
emailTextFieldBorderWidt h	Int	1	The border width of the email text field.
emailTextFieldBorderColor	UIColor	.white	The border color of the email text field.
emailTextFieldColor	UIColor	.black	The color of the email text field.
emailTextFieldFontStyle	UIFont	UIFont(name: "HelveticaNeue-bold", size: 17.0)!	The font style of the email text field.
emailTextFieldAccessibility Label	String	"Please provide e-mail address to send transcript. The	The accessi



		transcript will be sent after the	bility
		chat ends."	label for
			the
			email
			text
			field.
			The hint
			text for
emailHintText	String	"johnsmith@outlook.com"	the
			email
			text
			field.
			The
			error
Laurant (For all Addison For a Ma	String	"Enter a valid email address."	messag
emptyEmailAddressErrorM			e for an
essage			empty
			email
			address.
			The
			error
		"Enter a valid email address."	messag
invalidEmailAddressError	String		e for an
Message			invalid
			email
			address.
errorMessageTextColor	UIColor	.red	The text
enoniessagerexicolor	Olcotol	.	color of
			the error



			messag
			e.
			The
			image
emailErrorImage	Data?	nil	data for
omanErronmago	Duta.		the
			email
			error.
			The font
			style of
		I II Eant (name: "Halvetica" size:	the
emailErrorFontStyle	UIFont	UIFont(name: "Helvetica", size: 13.0)!	email
		10.0).	error
			messag
			e.
	Int	20	The
			height of
emailErrorImageHeight			the
omanErronmagorioigne			email
			error
			image.
			The
			width of
emailErrorImageWidth	Int	20	the
omane monimago v via m			email
			error
			image.
awa wFialalDathara Oracai	l.a.t		The
errorFieldBottomSpacing	Int	6	bottom
			spacing



			of the
			error
			field.
			The top
			spacing
errorFieldTopSpacing	Int	6	of the
			error
			field.
			The
			bottom
			spacing
errorFieldBottomSpacingA			of the
tLandscape	Int	5	error
teandodapo			field in
			landsca
			ре
			mode.
			The
			corner
emailPaneCornerRadius	Int	10	radius of
omani anocomomadia			the
			email
			pane.
			Set
	[CornerRadiu	[.topRight,.topLeft,.bottomRigh	individu
emailPaneCorners	sStyle]	t,.bottomLeft]	al
			corner
			radius
emailPaneBorderWidth	Int	1	The
emaitraneboluervilutii	1111		border
			width of



			the email pane.
emailPaneBorderColor	UIColor	.white	The border color of the email pane.
mailSentFailureErrorMess age	String	"Sorry, problem with sending mail, please try again."	The error messag e for a failed email send.
emailFieldMaxChars	Int	80	The maximu m number of charact ers for the email field.
emailRequestSuccessNoti ficationText	String	"Email will be sent after chat ends."	The success notificat ion text for an



			email api request.
emailRequestFailedNotific ationText	String	"Email could not be saved, try again later."	The failure notificat ion text for an email api request.
attachmentMessage	String	"The following attachment was uploaded during the conversation:"	The messag e for an uploade d attachm ent.

```
e.g.
```

```
func emailPaneProperties(vc : LiveChatMessagingViewController) {
   let emailProp = EmailPaneProperties()
   emailProp.isErrorImageRequired = true
   emailProp.enableSendButton = false
   emailProp.emailPanebackgroundColor = .brown
   vc.setEmailPaneProperties(properties: emailProp)
}
```



LoadingPaneProperties

Name	Туре	Default Value	Descriptio n
hideLoading	Bool	false	Hide the loading pane.
backgroundColor	UIColor	UIColor(red: 52/255.0, green: 92/255.0, blue: 165/255.0, alpha: 1.0)	The backgroun d color of the loading pane.
backgroundColorOpacity	Float	1	The opacity of the backgroun d color.
hideTitle	Bool	false	Hide the title.
hideSubTitle	Bool	false	Hide the subtitle.
hideSpinnerText	Bool	false	Hide the spinner text.
spaceBetweenLoadingPaneChi lds	Int	50	The space between child elements in the



			loading pane.
chatImageHeight	Int	120	The height of the chat image.
chatImage	Ullmage?	nil	The chat image.
titleText	String	"Welcome to"	The text of the title.
titleColor	UIColor	.white	The color of the title text.
titleTextAlignment	NSTextAlignme nt	NSTextAlignment.cent er	The alignment of the title text.
subTitleText	String	"live chat support"	The text of the subtitle.
subTitleColor	UIColor	.white	The color of the subtitle text.
subTitleTextAlignment	NSTextAlignme nt	NSTextAlignment.cent er	The alignment of the subtitle text.



subTitleTopMargin	Int	10	The top margin of the subtitle.
spinnerText	String	"Loading"	The text of the spinner.
spinnerTextColor	UIColor	.white	The color of the spinner text.
spinnerTextAlignment	NSTextAlignme nt	NSTextAlignment.cent er	The alignment of the spinner text.
spinnerTextTopMargin	Int	5	The top margin of the spinner text.
titleFontStyle	UlFont	UIFont(name: "Helvetica", size: 14.0)!	The font style of the title text.
subTitleFontStyle	UlFont	UIFont(name: "Helvetica", size: 18.0)?.withWeight(.bol d)!	The font style of the subtitle text.
spinnerTextFontStyle	UlFont	UIFont(name: "Helvetica", size: 10.0)!	The font style of the



			spinner
			text.
			The
loadingPaneAccessibilityText	String	1111	accessibilit
			y text for
			the loading
			pane.

e.g.

```
func loadingPaneProperties(vc : LiveChatMessagingViewController) {
    let loadPaneProp = LoadingPaneProperties()
    loadPaneProp.hideLoading = true
    loadPaneProp.subTitleText = "live chat"
    loadPaneProp.titleFontStyle = UIFont(name: "HelvaticaNeue-Light", size: 14.0)!
    vc.setLoadingPaneProperties(properties: loadPaneProp)
}
```

NotificationPaneProperties

Name	Туре	Default Value	Descriptio n
headerBackgroundColor	UIColor	UIColor(red: 252/255.0, green: 205/255.0, blue: 126/255.0, alpha: 1.0)	The background color of the header.



headerTitleText	String	"Notifications: Click here to see details"	The text of the header title.
headerTitleColor	UIColor	.darkGray	The color of the header title text.
headerInfoImageData	NSData?	nil	The image data for the header info icon.
headerCloseImageData	NSData?	nil	The image data for the header close icon.
headerTitleTextAlignment	NSTextAlignmen t	NSTextAlignment.natura	The alignment of the header title text.
cellSuccessBackgroundColo r	UIColor	UIColor(red: 248/255.0, green: 248/255.0, blue: 248/255.0, alpha: 1.0)	The background color of the success cell.
cellWarningBackgroundColo r	UIColor	UIColor(red: 248/255.0, green: 248/255.0, blue: 248/255.0, alpha: 1.0)	The background color of the warning cell.



cellErrorBackgroundColor	UIColor	UIColor(red: 254/255.0, green: 235/255.0, blue: 235/255.0, alpha: 1.0)	The background color of the error cell.
cellTitleTextAlignment	NSTextAlignmen t	NSTextAlignment.natura	The alignment of the cell title text.
cellTitleSuccessColor	UIColor	UIColor(red: 47/255.0, green: 157/255.0, blue: 53/255.0, alpha: 1.0)	The color of the success cell title text.
cellTitleErrorColor	UIColor	UIColor(red: 167/255.0, green: 4/255.0, blue: 4/255.0, alpha: 1.0)	The color of the error cell title text.
cellTitleWarningColor	UIColor	.darkGray	The color of the warning cell title text.
cellSuccessInfoImageData	NSData?	nil	The image data for the success cell info icon.
cellSuccessCloseImageData	NSData?	nil	The image data for the success



			cell close icon.
cellErrorInfoImageData	NSData?	nil	The image data for the error cell info icon.
cellErrorCloseImageData	NSData?	nil	The image data for the error cell close icon.
cellWarningInfoImageData	NSData?	nil	The image data for the warning cell info icon.
cellWarningCloseImageData	NSData?	nil	The image data for the warning cell close icon.
spaceBetweenHeaderChilds	Int	10	The space between child elements in the header.
spaceBetweenCellChilds	Int	10	The space between child elements in the cell.



```
e.g.
```

```
func notificationPaneProperties (vc : LiveChatMessagingViewController) {
  let notiProp = NotificationPaneProperties()
  notiProp.cellSuccessBackgroundColor = .brown
  notiProp.cellTitleErrorColor = .systemPink
  notiProp.headerTitleColor = .blue
  vc.setNotificationPaneProperties(properties: notiProp)
}
```

OOOHoursViewProperties

Name	Туре	Default Value	Description
			Hide the out-
hideOOOHPane	Bool	false	of-office
			hours pane.
			The
	UIColor		background
backgroundColor		.white	color of the
			pane.
			-
			The text
headerText	String	"We're offline"	displayed in
			the header.
hideTitle	Bool	false	Hide the title.



titleText	String	"Thanks for contacting us. You have reached us outside of our operating hours. An agent will respond when we open. Please see link https://microsoft.com"	The text displayed in the title.
titleTextColor	UIColor	.black	The color of the title text.
titleFontStyle	UIFont	UIFont(name: "HelveticaNeue", size: 19.0)!	The font style of the title text.
titleTextAlignment	NSTextAlignment	NSTextAlignment.center	The alignment of the title text.
htmlLinkColor	UIColor	.blue	The color of the HTML links.

```
e.g.
```

```
func oooHoursViewProperties(vc : LiveChatMessagingViewController) {
    let oooProp = OOOHoursViewProperties()
    oooProp.hideOOOHPane = false
    oooProp.backgroundColor = .blue
    oooProp.headerText = ""
    vc.setOOOHoursViewProperties(properties: oooProp)
}
```



StartChatErrorViewProperties

Name	Туре	Default Value	Description
backgroundColorOpacity	Float	1	The opacity of the background color.
viewTitle	String	пп	The title of the view.
hideErrorTitle	Bool	false	Hide the error title.
hideErrorSubtitle	Bool	false	Hide the error subtitle.
errorPaneChildSpacing	Int	60	The spacing between child elements in the error pane.
errorTitleColor	UlColor	.black	The color of the error title text.
errorSubtitleColor	UIColor	.black	The color of the error subtitle text.
errorTitleFontStyle	UlFont	UlFont(name: "HelveticaNeue", size: 19.0)!	The font style of the



			error title text.
errorTitleAlignment	NSTextAlignme nt	NSTextAlignment.l eft	The alignment of the error title text.
errorSubtitleFontStyle	UIFont	UIFont(name: "Helvetica", size: 18.0)!	The font style of the error subtitle text.
errorSubtitleAlignment	NSTextAlignme nt	NSTextAlignment.l eft	The alignment of the error subtitle text.
errorSubtitleTopMargin	Int	20	The top margin of the error subtitle.
errorViewBackgroundColor	UIColor	.white	The background color of the error view.
hideErrorlcon	Bool	false	Hide the error icon.
errorlconData	Data?	nil	The image data for the error icon.
networkErrorlconData	Data?	nil	The image data for the



			network error icon.
errorTitleText	String	"We are unable to load chat at this time."	The text of the error title.
errorSubTitleText	String	"Please try again later."	The text of the error subtitle.
errorTitlePersistentChatRetrievalFa ilure	String	"We are unable to load chat at this time."	The error title for persistent chat retrieval failure.
errorTitleChatInitializationFailure	String	"We are unable to load chat at this time."	The error title for chat initialization failure.
errorTitleChatTokenRetrievalFailur e	String	"Chat authentication has failed."	The error title for chat token retrieval failure.
errorTitleUninitializedChatSDKFail ure	String	"We are unable to load chat at this time."	The error title for uninitialized chat SDK failure.



			The error
errorTitleAuthSetupErrorTitleText	String	"Chat authentication has failed."	title for authenticati on setup failure.
		"We are unable to	The error
errorTitleNetworkErrorText	String	load chat at this	title for
		time."	network
		time.	error.

e.g.

```
func startChatErrorViewProperties (vc : LiveChatMessagingViewController) {
   let startChatProp = StartChatErrorViewProperties ()
   startChatProp.hideErrorTitle = true
   startChatProp.hideErrorSubtitle = true
   startChatProp.errorTitleText = "Alert!"
   vc.setStartChatErrorViewProperties(properties: startChatProp)
}
```

ConfirmationPaneProperties

Name	Туре	Default Value	Descripti on
closeConfirmationDialogBackgroundTintCol or	UICol or	.blue	The backgrou nd color of the close



			confirmati on dialog.
closeConfirmationDialogTitleForEmailAndDo wnload	String	"Want a copy of this chat?"	The title for the close confirmati on dialog when both email and download options are available.
closeConfirmationDialogSubTitleForEmailAn dDownload	String	"Select Cancel and then select the download or email icon."	The subtitle for the close confirmati on dialog when both email and download options are available.
closeConfirmationDialogTitleForEmail	String	"Want a copy of this chat?"	The title for the close confirmati



			on dialog when only the email option is available.
closeConfirmationDialogSubTitleForEmail	String	"Select Cancel and then select the email icon."	The subtitle for the close confirmati on dialog when only the email option is available.
closeConfirmationDialogTitleForDownload	String	"Want a copy of this chat?"	The title for the close confirmati on dialog when only the download option is available.
closeConfirmationDialogSubTitleForDownlo ad	String	"Select Cancel and then select the download icon."	The subtitle for the close confirmati on dialog



			when only the download option is available.
hideTitle	Bool	false	Indicates whether to hide the title.
titleText	String	"Close chat"	The text of the title.
titleTextColor	UICol or	.black	The color of the title text.
titleFont	UIFon t	UIFont(name: kFontName, size: 16.0)?.withWeight(. bold)!	The font style of the title text.
hideSubTitle	Bool	false	Indicates whether to hide the subtitle.
subtitleText	String	"Do you really want to close this chat?"	The text of the subtitle.
subtitleTextColor	UICol or	.darkGray	The color of the



			subtitle text.
subtitleFont	UIFon t	UIFont(name: kFontName, size: 14.0)!	The font style of the subtitle text.
hideConfirmButton	Bool	false	Hide the confirm button.
confirmButtonText	String	"Close"	The text of the confirm button.
confirmButtonAccessibilityLabel	String	"Close Chat"	The accessibil ity string for the confirm button.
confirmButtonTextColor	UICol or	blueOCStandardCo lor	The text color of the confirm button.
hideCancelButton	Bool	false	hide the cancel button.



cancelButtonText	String	"Cancel"	The text of the cancel button.
cancelButtonAccessibilityLabel	String	"Cancel. Return to Chat"	The accessibil ity string for the cancel button.
cancelButtonTextColor	UICol or	grayOCStandardCol or	The text color of the cancel button.

```
e.g.
```

```
func confirmationPaneProperties (vc : LiveChatMessagingViewController) {
    let confirmProp = ConfirmationPaneProperties()
    confirmProp.hideTitle = true
    confirmProp.titleText = "Close Conversation"
    confirmProp.confirmButtonText = "Confirm"
    vc.setConfirmationPaneProperties(properties: confirmProp)
}
```

PreChatPaneProperties



Name	Туре	Default Value	Description
requiredFieldMissingMessage	String	"A required field cannot be empty"	The message displayed when a required field is missing.
hidePreChatSurveyPane	Bool	false	Hide the pre- chat survey pane.

PostChatPaneProperties

Name	Туре	Default Value	Description
hidePostChatSurve yPane	Bool	false	Determines whether the post- chat survey pane is hidden.
postChatLoadingB ackground	UIColor	UIColor(red: 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	The background color of the post-chat loading screen.
postChatLoadingTi tle	String	"Please take a moment to give us feedback about your chat experience."	The title text displayed on the post-chat loading screen.
postChatLoadingTi tleFont	UIFont	UIFont(name: "Helvetica", size: 17)!	The font used for the post-chat loading title.



postChatLoadingTi tleColor	UIColor	.white	The color of the post-chat loading title text.
postChatLoadingTi tleAlignment	NSTextAlignm ent	.center	The alignment of the post-chat loading title text.
postChatLoadingS ubTitle	String	"We are loading the survey for you now."	The subtitle text displayed on the post-chat loading screen.
postChatLoadingS ubTitleFont	UIFont	UIFont(name: "Helvetica", size: 17)!	The font used for the post-chat loading subtitle.
postChatLoadingS ubTitleColor	UIColor	.white	The color of the post-chat loading subtitle text.
postChatLoadingS ubTitleAlignment	NSTextAlignm ent	.center	The alignment of the post-chat loading subtitle text.
distanceBetweenL oadingViewTitleSu btitle	Integer	30	The distance between the title and subtitle on the post-chat loading screen.



Downloaded Transcript Properties

Name	Туре	Default Value	Descriptio n
pageTitle	Strin g	"Customer Transcript"	The title of the page.
attachmentMessage	Strin g	"The following attachment was uploaded during the conversation: "	The message for uploaded attachment s.
networkOnlineMessage	Strin	"Connection restored. Please refresh the page"	The message displayed when the network connection is restored.
networkOfflineMessage	Strin g	"Network Error. Please make sure you are connected to the internet."	The message displayed when the network connection is lost.
transcriptBackgroundColor	Strin g	"#FFF"	The backgroun d color of



			the transcript.
agentAvatarBackgroundColor	Strin g	"#E8E8E8"	The backgroun d color of the agent's avatar.
agentAvatarFontColor	Strin g	"#000"	The font color of the agent's avatar.
customerAvatarBackgroundCol or	Strin g	"#2266E3"	The backgroun d color of the customer's avatar.
customerAvatarFontColor	Strin g	"#FFF"	The font color of the customer's avatar.
disableMarkdownMessageForm atting	Bool	false	Indicates whether to disable markdown message formatting.
disableNewLineMarkdownSupp ort	Bool	false	Indicates whether to disable



			new line markdown support.
cdnUrl	Strin g	"https://oc-cdn- public.azureedge.net/livechatwi dget"	The URL for the CDN.
fileName	Strin g	"transcript.html"	The name of the downloade d transcript file.
downloadErrorBannerMessage	Strin g	"An error occurred while downloading the chat transcript."	The message displayed when there is an error downloading the transcript.

```
e.g.
```

```
func downloadedTranscriptProperties (vc : LiveChatMessagingViewController) {
  let downloadProp = DownloadedTranscriptProperties ()
  downloadProp.transcriptBackgroundColor = "#FF0"
  downloadProp.agentAvatarBackgroundColor = "#F00"
  downloadProp.disableMarkdownMessageFormatting = true
  vc.setDownloadedTranscriptProperties(properties: downloadProp)
}
```



MediaPaneProperties

Name	Туре	Default Value	Descrip tion
showMediaImage	Bool	true	Indicate s whether to show the media placeho lder image.
viewCornerRadius	Int	3	The corner radius of the view.
viewCorners	[CornerRadiu sStyle]	[.topRight,.topLeft,.bottomRig ht,.bottomLeft]	Set individu al corner radius
viewBorderWidth	Int	1	The border width of



			the view.
viewSpacing	Int	10	The spacing betwee n views.
viewBorderColor	UIColor	UIColor(red: 224/255.0, green: 224/255.0, blue: 224/255.0, alpha: 1.0)	The border color of the view.
backgroundColorAgent	UIColor	.white	The backgro und color for the agent cell.
downloadSectionBackground ColorAgent	UIColor	.white	The backgro und color for the downlo ad section of the agent cell.



backgroundColorCustomer	UIColor	.white	The backgro und color for the custom er cell.
downloadSectionBackground ColorCustomer	UIColor	.white	The backgro und color for the downlo ad section of the custom er cell.
dividerBackgroundColor	UIColor	UIColor(red: 224/255.0, green: 224/255.0, blue: 224/255.0, alpha: 1.0)	The backgro und color of the divider.
dividerHeight	Int	1	The height of the divider.
photoMedialmage	Ullmage?	nil	The placeho lder



			image for photo media.
videoMedialmage	Ullmage?	nil	The placeho lder image for video media.
pdfMedialmage	Ullmage?	nil	The placeho lder image for PDF media.
audioMedialmage	Ullmage?	nil	The placeho lder image for audio media.
attachmentMedialmage	Ullmage?	nil	The placeho lder image for attach



			ment media.
medialmageWidth	Int	15	The width of the media placeho lder image.
medialmageHeight	Int	15	The height of the media placeho lder image.
downloadImage	Ullmage?	nil	The image for the downlo ad button.
downloadImageWidth	Int	25	The width of the downlo ad button image.



downloadImageHeight	Int	25	The height of the downlo ad button image.
mediaNameTextColor	UIColor	UIColor(red: 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	The text color of the media name.
mediaNameTextFont	UIFont	UIFont(name: "Helvetica", size: 15)!	The font of the media name text.
mediaNameTextAlignment	NSTextAlign ment	NSTextAlignment.natural	The alignme nt of the media name text.
mediaNameTextLeftPadding	Int	10	The left padding of the media name text.



mediaNameTextRightPadding	Int	10	The right padding of the media name text.
playerTintColor	UIColor	.black	The tint color of the media player.
playerBackgroundColor	UIColor	.clear	The backgro und color of the media player.

e.g.

```
func mediaPaneProperties(vc : LiveChatMessagingViewController) {
    let mediaProp = MediaPaneProperties()
    mediaProp.showMediaImage = false
    mediaProp.photoMediaImage = UIImage(named: "media_image")
    mediaProp.mediaNameTextLeftPadding = 10
    mediaProp.mediaNameTextRightPadding = 10
    vc.setMediaProperties(properties: mediaProp)
```



}

ReconnectViewProperties

Name	Туре	Default Value	Description
hideReconnectView	Bool	false	Determines if the reconnect view should be hidden.
backgroundColor	UIColor	.white	Background color of the reconnect view.
reconnectViewBackg roundColor	UIColor	.white	Background color of the reconnect view specifically.
reconnectViewBorde rWidth	CGFloat	1	Width of the border around the reconnect view.
reconnectViewCorne rRadius	CGFloat	5	Corner radius for the reconnect view.
reconnectViewCorne rs	[CornerRadius Style]	[.topRight,.t opLeft,.bot tomRight,.b ottomLeft]	Set individual corner radius
reconnectViewBorde rColor	UIColor	UIColor(red : 224/255.0, green: 224/255.0, blue:	Color of the border around the reconnect view.



		224/255.0, alpha: 1.0)	
hideReconnectTitle	Bool	false	Determines if the reconnect title should be hidden.
reconnectTitleText	String	"Previous session detected"	Text for the reconnect title.
hideReconnectSubtit le	Bool	false	Determines if the reconnect subtitle should be hidden.
reconnectSubtitleTex t	String	"We have detected a previous chat session. Would you like to continue with your previous session?"	Text for the reconnect subtitle.
reconnectTitleColor	UIColor	.black	Color of the reconnect title text.
reconnectSubtitleCo lor	UIColor	.black	Color of the reconnect subtitle text.
reconnectTitleFontSt yle	UIFont	UIFont(na me: "Helvetica", size: 19.0)!	Font style for the reconnect title.
reconnectSubtitleFo ntStyle	UIFont	UIFont(na me:	Font style for the reconnect subtitle.



		"Helvetica" , size: 18.0)!	
hideReconnectIcon	Bool	false	Determines if the reconnect icon should be hidden.
reconnectIconData	Data?	nil	Data for the reconnect icon.
hideContinueChatBu tton	Bool	false	Determines if the continue chat button should be hidden.
continueChatButton Text	String	"Continue conversatio n"	Text for the continue chat button.
hideStartNewChatBu tton	Bool	false	Determines if the start new chat button should be hidden.
startNewChatButton Text	String	"Start new conversatio n"	Text for the start new chat button.
continueChatButton TitleColor	UIColor	.white	Title color for the continue chat button.
continueChatButton BackgroundColor	UIColor	UIColor(red : 47/255.0, green: 90/255.0, blue: 146/255.0, alpha: 1.0)	Background color for the continue chat button.
continueChatButton BorderColor	UIColor	UIColor(red : 47/255.0, green: 90/255.0,	Border color for the continue chat button.



		blue: 146/255.0, alpha: 1.0)	
continueChatButton BorderWidth	CGFloat	1	Border width for the continue chat button.
continueChatButton CornerRadius	CGFloat	5	Corner radius for the continue chat button.
continueChatButton Corners	[CornerRadius Style]	[.topRight,.t opLeft,.bot tomRight,.b ottomLeft]	Set individual corner radius
startNewChatButton TitleColor	UIColor	.white	Title color for the start new chat button.
startNewChatButton BackgroundColor	UIColor	.black	Background color for the start new chat button.
startNewChatButton BorderColor	UIColor	.black	Border color for the start new chat button.
startNewChatButton BorderWidth	CGFloat	1	Border width for the start new chat button.
startNewChatButton CornerRadius	CGFloat	5	Corner radius for the start new chat button.
startNewChatButton Corners	[CornerRadius Style]	[.topRight,.t opLeft,.bot tomRight,.b ottomLeft]	Set individual corner radius



```
let mediaProp = ReconnectViewProperties()
mediaProp. startNewChatButtonBorderColor = false
mediaProp. continueChatButtonBackgroundColor = .black
vc. setReconnectViewProperties(properties: mediaProp)
}
```