

Titanium SDK 7.5.1.GA Release Note

Titanium SDK 7.5.1.GA - 26 February 2019

- [About this release](#)
- [New features](#)
- [Community credits](#)
- [Fixed issues](#)
 - [Android](#)
 - [iOS](#)
- [API changes](#)
 - [New APIs](#)
 - [Deprecated APIs](#)
- [SDK modules versions](#)
 - [Android and iOS](#)
 - [CommonJS](#)
 - [Hyperloop](#)

About this release

Titanium SDK 7.5.1 is a patch release of the SDK, addressing high-priority issues from previous releases.

As of this GA release, the previous Titanium SDK patch release is no longer supported. End of support for this version will be 2019-08-26 or until the next patch release. Note: major and minor releases continue to be supported according to their nominal lifetime. See [Axway Appcelerator Deprecation Policy](#) and [Nominal Lifetimes](#) documents for details.

New features

- [TIMOB-13966](#) - TiAPI: Select Locale for L() at runtime
 - [Change language on runtime across app-launches](#)

Community credits

- [Jorge Macias Garcia](#) - [TIMOB-26625](#)
- [Joe Finnigan](#) - [TIMOB-26628](#)
- [Thomas Weber](#) - [TIMOB-26612](#)
- [Mads Moller](#) - [TIMOB-13966](#)
- [Ricardo Ramirez](#) - [TIMOB-20266](#)
- [John Staunton](#) - [TIMOB-26688](#)
- [Teun Klijn](#) - [TIMOB-26594](#)

Fixed issues

Android

- [TIMOB-20266](#) - Android: ListView with attributed strings are not rendering sometimes
- [TIMOB-26545](#) - Android: Using global L() method for localization does not work if second argument is not supplied
- [TIMOB-26580](#) - Android: ListView templates not compatible with native modules
- [TIMOB-26625](#) - Android: Can't open Titanium app through intent (7.5.0 regression)
- [TIMOB-26626](#) - Android apps are taking much longer to load than they did on previous sdks
- [TIMOB-26632](#) - Android: App sometimes crashes when backgrounded as of 7.5.0
- [TIMOB-26774](#) - Android: When backgrounded, data intent no longer re-executes "app.js" as of 7.5.0

iOS

- [TIMOB-26452](#) - iOS: Object.hasProperty incorrectly reports false when a property's value is null
- [TIMOB-26594](#) - iOS: Exception when canceling local notifications with removePendingNotifications
- [TIMOB-26612](#) - Problem with Internationalization
- [TIMOB-26628](#) - iOS 11.0: App crashes on launch
- [TIMOB-26688](#) - iOS: Proxy objects created in timers aren't released properly

API changes

New APIs

The following APIs are new or have expanded platform support in release 7.5.1.

API	Type	Notes
Global.console.timeLog	method	Log duration taken so far for an operation. (New API, supported on Android, iPhone and iPad.)
Titanium.Android.Activity.userinteraction	event	Called whenever a key, touch, or trackball event is dispatched to the activity. (New API, supported on Android.)
Titanium.Android.NotificationChannel.getSound	method	Gets the value of the Titanium.Android.NotificationChannel.sound property. (New API, supported on Android.)
Titanium.Android.NotificationChannel.setSound	method	Sets the value of the Titanium.Android.NotificationChannel.sound property. (New API, supported on Android.)
Titanium.Android.NotificationChannel.sound	property	A URL to the sound to play. (New API, supported on Android.)
Titanium.App.Android.shortcutitemclick	event	Fired when a Titanium.UI.ShortcutItem is clicked. (New API, supported on Android.)
Titanium.App.shortcutitemclick	event	Fired when a Titanium.UI.ShortcutItem is clicked. (New API, supported on Android, iPhone and iPad.)
Titanium.App.trackUserInteraction	property	Indicates whether or not the user interaction should be tracked. (New API, supported on iPhone and iPad.)
Titanium.App.userinteraction	event	Called whenever an interaction with the window occurred. To be used together with the Titanium.App.trackUserInteraction property. (New API, supported on Android, iPhone and iPad.)
Titanium.Locale.change	event	Fired when the device locale changes. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AUDIO_STATE_BUFFERING	property	Audio data is being buffered from the network. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AUDIO_STATE_INITIALIZED	property	Audio playback is being initialized. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AUDIO_STATE_PAUSED	property	Playback is paused. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AUDIO_STATE_PLAYING	property	Audio playback is active. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AUDIO_STATE_STARTING	property	Audio playback is starting. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AUDIO_STATE_STOPPED	property	Audio playback is stopped. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AUDIO_STATE_STOPPING	property	Audio playback is stopping. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AUDIO_STATE_WAITING_FOR_DATA	property	Player is waiting for audio data from the network. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AUDIO_STATE_WAITING_FOR_QUEUE	property	Player is waiting for audio data to fill the queue. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AudioPlayer.allowsExternalPlayback	property	Indicates whether the player allows switching to "external playback" mode. (New API, supported on iPhone and iPad.)
Titanium.Media.AudioPlayer.complete	event	Fired when the audio has finished playing. (Added support for iPhone and iPad.)

Titanium.Media.AudioPlayer.externalPlaybackActive	property	Indicates whether the player is currently playing video in "external playback" mode. (New API, supported on iPhone and iPad.)
Titanium.Media.AudioPlayer.getAllowsExternalPlayback	method	Gets the value of the Titanium.Media.AudioPlayer.allowsExternalPlayback property. (New API, supported on iPhone and iPad.)
Titanium.Media.AudioPlayer.getExternalPlaybackActive	method	Gets the value of the Titanium.Media.AudioPlayer.externalPlaybackActive property. (New API, supported on iPhone and iPad.)
Titanium.Media.AudioPlayer.getMuted	method	Gets the value of the Titanium.Media.AudioPlayer.muted property. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AudioPlayer.getRate	method	Gets the value of the Titanium.Media.AudioPlayer.rate property. (New API, supported on iPhone and iPad.)
Titanium.Media.AudioPlayer.metadata	event	Fired when the timed metadata was encountered most recently within the media as it plays. (New API, supported on iPhone and iPad.)
Titanium.Media.AudioPlayer.muted	property	Indicates whether or not audio output of the player is muted. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AudioPlayer.rate	property	Indicates the desired rate of playback; 0.0 means "paused", 1.0 indicates a desire to play at the natural rate of the current item. In addition, 2.0 would mean that the audio plays twice as fast. (New API, supported on iPhone and iPad.)
Titanium.Media.AudioPlayer.release	method	Stops buffering audio data and releases audio resources. (Added support for iPhone and iPad.)
Titanium.Media.AudioPlayer.restart	method	Restarts (stops and stars) audio playback. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AudioPlayer.seekToTime	method	Moves the playback cursor and invokes the specified block when the seek operation has either been completed or been interrupted. (New API, supported on iPhone and iPad.)
Titanium.Media.AudioPlayer.setAllowsExternalPlayback	method	Sets the value of the Titanium.Media.AudioPlayer.allowsExternalPlayback property. (New API, supported on iPhone and iPad.)
Titanium.Media.AudioPlayer.setMuted	method	Sets the value of the Titanium.Media.AudioPlayer.muted property. (New API, supported on Android, iPhone and iPad.)
Titanium.Media.AudioPlayer.setRate	method	Sets the value of the Titanium.Media.AudioPlayer.rate property. (New API, supported on iPhone and iPad.)
Titanium.Media.QUALITY_640x480	property	Media type constant for medium-quality video recording. (Added support for Android.)
Titanium.Media.QUALITY_HIGH	property	Media type constant for high-quality video recording. (Added support for Android.)
Titanium.Media.QUALITY_IFRAME_1280x720	property	Media type constant for medium-quality video recording. (Added support for Android.)
Titanium.Media.QUALITY_LOW	property	Media type constant for low-quality video recording. (Added support for Android.)
Titanium.Media.getQUALITY_640x480	method	Gets the value of the Titanium.Media.QUALITY_640x480 property. (Added support for Android.)
Titanium.Media.getQUALITY_IFRAME_1280x720	method	Gets the value of the Titanium.Media.QUALITY_IFRAME_1280x720 property. (Added support for Android.)
Titanium.UI.ATTRIBUTE_PARAGRAPH_STYLE	property	Use with Attribute.type to manages the behaviour of string set. (New API, supported on iPhone and iPad.)
Titanium.UI.ActivityIndicator.anchorPoint	property	Coordinate of the view about which to pivot an animation. (Added support for Android.)

Titanium.UI.ActivityIndicator.getAnchorPoint	method	Gets the value of the Titanium.UI.ActivityIndicator.anchorPoint property. (Added support for Android.)
Titanium.UI.ActivityIndicator.setAnchorPoint	method	Sets the value of the Titanium.UI.ActivityIndicator.anchorPoint property. (Added support for Android.)
Titanium.UI.AlertDialog.anchorPoint	property	Coordinate of the view about which to pivot an animation. (Added support for Android.)
Titanium.UI.AlertDialog.buttonClickRequired	property	Setting this to true requires the end-user to click a dialog button to close the dialog. (New API, supported on Android.)
Titanium.UI.AlertDialog.getAnchorPoint	method	Gets the value of the Titanium.UI.AlertDialog.anchorPoint property. (Added support for Android.)
Titanium.UI.AlertDialog.getButtonClickRequired	method	Gets the value of the Titanium.UI.AlertDialog.buttonClickRequired property. (New API, supported on Android.)
Titanium.UI.AlertDialog.setAnchorPoint	method	Sets the value of the Titanium.UI.AlertDialog.anchorPoint property. (Added support for Android.)
Titanium.UI.AlertDialog.setButtonClickRequired	method	Sets the value of the Titanium.UI.AlertDialog.buttonClickRequired property. (New API, supported on Android.)
Titanium.UI.Android.FLAG_TRANSLUCENT_NAVIGATION	property	Window flag which makes the Android system's navigation bar semi-transparent. (New API, supported on Android.)
Titanium.UI.Android.FLAG_TRANSLUCENT_STATUS	property	Window flag which makes the Android system's top status bar semi-transparent. (New API, supported on Android.)
Titanium.UI.Android.ProgressIndicator.anchorPoint	property	Coordinate of the view about which to pivot an animation. (New API, supported on Android.)
Titanium.UI.Android.ProgressIndicator.getAnchorPoint	method	Gets the value of the Titanium.UI.Android.ProgressIndicator.anchorPoint property. (New API, supported on Android.)
Titanium.UI.Android.ProgressIndicator.setAnchorPoint	method	Sets the value of the Titanium.UI.Android.ProgressIndicator.anchorPoint property. (New API, supported on Android.)
Titanium.UI.Button.attributedString	property	Specify an attributed string for the label. (New API, supported on Android, iPhone and iPad.)
Titanium.UI.Button.getAttributedString	method	Gets the value of the Titanium.UI.Button.attributedString property. (New API, supported on Android, iPhone and iPad.)
Titanium.UI.Button.setAttributedString	method	Sets the value of the Titanium.UI.Button.attributedString property. (New API, supported on Android, iPhone and iPad.)
Titanium.UI.EmailDialog.anchorPoint	property	Coordinate of the view about which to pivot an animation. (Added support for Android.)
Titanium.UI.EmailDialog.getAnchorPoint	method	Gets the value of the Titanium.UI.EmailDialog.anchorPoint property. (Added support for Android.)
Titanium.UI.EmailDialog.setAnchorPoint	method	Sets the value of the Titanium.UI.EmailDialog.anchorPoint property. (Added support for Android.)
Titanium.UI.OptionDialog.anchorPoint	property	Coordinate of the view about which to pivot an animation. (Added support for Android.)
Titanium.UI.OptionDialog.getAnchorPoint	method	Gets the value of the Titanium.UI.OptionDialog.anchorPoint property. (Added support for Android.)
Titanium.UI.OptionDialog.setAnchorPoint	method	Sets the value of the Titanium.UI.OptionDialog.anchorPoint property. (Added support for Android.)
Titanium.UI.Picker.anchorPoint	property	Coordinate of the view about which to pivot an animation. (Added support for Android.)
Titanium.UI.Picker.getAnchorPoint	method	Gets the value of the Titanium.UI.Picker.anchorPoint property. (Added support for Android.)

Titanium.UI.Picker.setAnchorPoint	method	Sets the value of the Titanium.UI.Picker.anchorPoint property. (Added support for Android.)
Titanium.UI.ScrollableView.clipViews	property	Determines whether the previous and next pages are clipped, so that they are not visible adjacent to the current page. (Added support for Android.)
Titanium.UI.ScrollableView.getClipViews	method	Gets the value of the Titanium.UI.ScrollableView.clipViews property. (Added support for Android.)
Titanium.UI.ScrollableView.getPadding	method	Gets the value of the Titanium.UI.ScrollableView.padding property. (New API, supported on Android.)
Titanium.UI.ScrollableView.padding	property	The padding applied to the scrollable view. (New API, supported on Android.)
Titanium.UI.ScrollableView.setClipViews	method	Sets the value of the Titanium.UI.ScrollableView.clipViews property. (Added support for Android.)
Titanium.UI.ScrollableView.setPadding	method	Sets the value of the Titanium.UI.ScrollableView.padding property. (New API, supported on Android.)
Titanium.UI.SearchBar.fieldBackgroundDisabledImage	property	Background image of the text field in disabled state, specified as a local file path or URL. (New API, supported on iPhone and iPad.)
Titanium.UI.SearchBar.fieldBackgroundImage	property	Background image of the text field, specified as a local file path or URL. (New API, supported on iPhone and iPad.)
Titanium.UI.SearchBar.getFieldBackgroundDisabledImage	method	Gets the value of the Titanium.UI.SearchBar.fieldBackgroundDisabledImage property. (New API, supported on iPhone and iPad.)
Titanium.UI.SearchBar.getFieldBackgroundImage	method	Gets the value of the Titanium.UI.SearchBar.fieldBackgroundImage property. (New API, supported on iPhone and iPad.)
Titanium.UI.SearchBar.setFieldBackgroundDisabledImage	method	Sets the value of the Titanium.UI.SearchBar.fieldBackgroundDisabledImage property. (New API, supported on iPhone and iPad.)
Titanium.UI.SearchBar.setFieldBackgroundImage	method	Sets the value of the Titanium.UI.SearchBar.fieldBackgroundImage property. (New API, supported on iPhone and iPad.)
Titanium.UI.ShortcutItem	object	An application shortcut. (New API, supported on Android, iPhone and iPad.)
Titanium.UI.Tab.anchorPoint	property	Coordinate of the view about which to pivot an animation. (Added support for Android.)
Titanium.UI.Tab.getAnchorPoint	method	Gets the value of the Titanium.UI.Tab.anchorPoint property. (Added support for Android.)
Titanium.UI.Tab.setAnchorPoint	method	Sets the value of the Titanium.UI.Tab.anchorPoint property. (Added support for Android.)
Titanium.UI.TabGroup.anchorPoint	property	Coordinate of the view about which to pivot an animation. (Added support for Android.)
Titanium.UI.TabGroup.getAnchorPoint	method	Gets the value of the Titanium.UI.TabGroup.anchorPoint property. (Added support for Android.)
Titanium.UI.TabGroup.setAnchorPoint	method	Sets the value of the Titanium.UI.TabGroup.anchorPoint property. (Added support for Android.)
Titanium.UI.TextArea.getLines	method	Gets the value of the Titanium.UI.TextArea.lines property. (New API, supported on Android.)
Titanium.UI.TextArea.getMaxLines	method	Gets the value of the Titanium.UI.TextArea.maxLines property. (New API, supported on Android.)
Titanium.UI.TextArea.lines	property	Number of lines tall the text area height will be, if set. (New API, supported on Android.)

Titanium.UI.TextArea.maxLines	property	Maximum line count of text field input. (New API, supported on Android.)
Titanium.UI.TextArea.setLines	method	Sets the value of the Titanium.UI.TextArea.lines property. (New API, supported on Android.)
Titanium.UI.TextArea.setMaxLines	method	Sets the value of the Titanium.UI.TextArea.maxLines property. (New API, supported on Android.)
Titanium.UI.TextField.getPasswordRules	method	Gets the value of the Titanium.UI.TextField.passwordRules property. (New API, supported on iPhone and iPad.)
Titanium.UI.TextField.passwordRules	property	Set password rules that should be used for this text field. (New API, supported on iPhone and iPad.)
Titanium.UI.TextField.setPasswordRules	method	Sets the value of the Titanium.UI.TextField.passwordRules property. (New API, supported on iPhone and iPad.)
Titanium.UI.View.anchorPoint	property	Coordinate of the view about which to pivot an animation. (Added support for Android.)
Titanium.UI.View.getAnchorPoint	method	Gets the value of the Titanium.UI.View.anchorPoint property. (Added support for Android.)
Titanium.UI.View.setAnchorPoint	method	Sets the value of the Titanium.UI.View.anchorPoint property. (Added support for Android.)
Titanium.UI.WebView.getMixedContentMode	method	Gets the value of the Titanium.UI.WebView.mixedContentMode property. (New API, supported on Android.)
Titanium.UI.WebView.getOnlink	method	Gets the value of the Titanium.UI.WebView.onlink property. (New API, supported on Android, iPhone and iPad.)
Titanium.UI.WebView.mixedContentMode	property	If <code>true</code> , allows the loading of insecure resources from a secure origin. (New API, supported on Android.)
Titanium.UI.WebView.onlink	property	Fired before navigating to a link. (New API, supported on Android, iPhone and iPad.)
Titanium.UI.WebView.setMixedContentMode	method	Sets the value of the Titanium.UI.WebView.mixedContentMode property. (New API, supported on Android.)
Titanium.UI.WebView.setOnlink	method	Sets the value of the Titanium.UI.WebView.onlink property. (New API, supported on Android, iPhone and iPad.)
Titanium.UI.Window.extendSafeArea	property	Specifies whether the screen insets/notches are allowed to overlap the window's content or not. (Added support for Android.)
Titanium.UI.Window.getExtendSafeArea	method	Gets the value of the Titanium.UI.Window.extendSafeArea property. (Added support for Android.)
Titanium.UI.Window.getHidesBackButton	method	Gets the value of the Titanium.UI.Window.hidesBackButton property. (New API, supported on iPhone and iPad.)
Titanium.UI.Window.getSafeAreaPadding	method	Gets the value of the Titanium.UI.Window.safeAreaPadding property. (New API, supported on Android.)
Titanium.UI.Window.hidesBackButton	property	Set this to true to hide the back button of navigation bar. (New API, supported on iPhone and iPad.)
Titanium.UI.Window.safeAreaPadding	property	The padding needed to safely display content without it being overlapped by the screen insets and notches. (New API, supported on Android.)
Titanium.UI.Window.setExtendSafeArea	method	Sets the value of the Titanium.UI.Window.extendSafeArea property. (Added support for Android.)
Titanium.UI.Window.setHidesBackButton	method	Sets the value of the Titanium.UI.Window.hidesBackButton property. (New API, supported on iPhone and iPad.)
Titanium.UI.createShortcutItem	method	Creates and returns an instance of Titanium.UI.ShortcutItem. (New API, supported on Android, iPhone and iPad.)

Deprecated APIs

The following APIs are deprecated in release 7.5.1.

API	Type	Notes
Titanium.Media.AudioPlayer.STATE_BUFFERING	property	Use Titanium.Media.AUDIO_STATE_BUFFERING instead.
Titanium.Media.AudioPlayer.STATE_INITIALIZED	property	Use Titanium.Media.AUDIO_STATE_INITIALIZED instead.
Titanium.Media.AudioPlayer.STATE_PAUSED	property	Use Titanium.Media.AUDIO_STATE_PAUSED instead.
Titanium.Media.AudioPlayer.STATE_PLAYING	property	Use Titanium.Media.AUDIO_STATE_PLAYING instead.
Titanium.Media.AudioPlayer.STATE_STARTING	property	Use Titanium.Media.AUDIO_STATE_STARTING instead.
Titanium.Media.AudioPlayer.STATE_STOPPED	property	Use Titanium.Media.AUDIO_STATE_STOPPED instead.
Titanium.Media.AudioPlayer.STATE_STOPPING	property	Use Titanium.Media.AUDIO_STATE_STOPPING instead.
Titanium.Media.AudioPlayer.STATE_WAITING_FOR_DATA	property	Use Titanium.Media.AUDIO_STATE_WAITING_FOR_DATA instead.
Titanium.Media.AudioPlayer.STATE_WAITING_FOR_QUEUE	property	Use Titanium.Media.AUDIO_STATE_WAITING_FOR_QUEUE instead.
Titanium.Media.AudioPlayer.play	method	Use the cross-platform API start instead.
Titanium.Media.AudioPlayer.setPaused	method	Use the cross-platform API pause instead.
Titanium.UI.ATTRIBUTE_LINE_BREAK	property	Use Titanium.UI.ATTRIBUTE_PARAGRAPH_STYLE.lineBreakMode instead.

SDK modules versions

Android and iOS

Module	iOS version	Android version
urlSession	2.1.0	n/a
facebook	5.9.0	7.3.1
ti.coremotion	2.0.1	n/a
ti.map	3.1.0	4.3.1
ti.safaridialog	1.1.1	n/a
ti.webdialog	1.1.0	1.1.0
ti.touchid	2.1.4	3.0.1
ti.identity	1.0.5	2.1.0
ti.cloudpush	n/a	6.0.0
ti.playservices	n/a	16.1.2

CommonJS

Module	Version
ti.cloud	3.2.11

Hyperloop

Module	Version
hyperloop	3.1.4