

This document contains proposed updates to the current Titanium API documentation, pertaining to the Tizen target platform.

- The “Supported on Tizen” column should be used to decide, whether to show or hide a “Tizen” icon in the relevant documentation section.
- The “Additional info” column should be used to add additional information to the relevant documentation section.
- **If a namespace, method, or property, is not listed here, its status is the same as in Mobile Web.**
- Autogenerated getters/setters of properties are omitted. Refer to the property.

Namespace/method/property	Supported on Tizen?	Additional info
<b>Ti.Accelerometer</b>	No	
<b>Ti.Contacts</b>		<i>Implemented from scratch for Tizen.</i>
<b>Properties</b>		
Ti.Contacts. AUTHORIZATION_XXXXX	Yes	
Ti.Contacts.CONTACTS_KIND_XXXX	Yes	
Ti.Contacts.CONTACTS_SORT_XXXX	Yes	
Ti.Contacts. contactsAuthorization	Yes	Always AUTHORIZATION_AUTHORIZE on Tizen.
<b>Methods</b>		
Ti.Contacts.createGroup()	No	Groups are currently not supported in Tizen device API.
Ti.Contacts.createPerson()	Yes	
Ti.Contacts.getAllGroups()	No	Groups are currently not supported in Tizen device API.
Ti.Contacts.getAllPeople()	No	Not supported on Tizen. Use getAllPeopleAsync() instead.
Ti.Contacts.Tizen.getAllPeopleAsync()	Yes (new)	<p>getPeopleWithNameAsync (Callback&lt; Ti.Contacts.Person[]&gt; successCallback, Callback&lt;Error&gt; errorCallback)</p> <p>Gets all people in the contact list. (Limit cannot be specified.) Returns immediately; calls back successCallback with the result if the operation was successful, or errorCallback on failure.</p> <p>Parameters</p>

		<ul style="list-style-type: none"> <li>• <code>successCallback: Callback&lt; Ti.Contacts.Person[]&gt;</code> Function to call on success.</li> <li>• <code>errorCallback: Callback&lt;Error&gt; errorCallback</code> Function to call on error.</li> </ul> <p>Returns</p> <ul style="list-style-type: none"> <li>• <code>void</code></li> </ul>
<code>Ti.Contacts.getContactsAuthorization()</code>	Yes	Always <code>AUTHORIZATION_AUTHORIZE</code> on Tizen.
<code>Ti.Contacts.getGroupById()</code>	No	Groups are currently not supported in Tizen device API.
<code>Ti.Contacts.getPeopleWithName()</code>	No	Not supported on Tizen. Use <code>getPeopleWithNameAsync()</code> instead.
<code>Ti.Contacts.Tizen.getPeopleWithNameAsync</code>	Yes (new)	<p><code>getPeopleWithNameAsync ( String name, Callback&lt; Ti.Contacts.Person[]&gt; successCallback, Callback&lt;Error&gt; errorCallback)</code></p> <p>Gets people with a <code>firstName</code>, <code>middleName</code> or <code>lastName</code> field, or a combination of these fields, that match the specified name. Returns immediately; calls back <code>successCallback</code> with the result if the operation was successful, or <code>errorCallback</code> on failure.</p> <p>Parameters</p> <ul style="list-style-type: none"> <li>• <code>name : String</code> Name to match.</li> <li>• <code>successCallback: Callback&lt; Ti.Contacts.Person[]&gt;</code> Function to call on success.</li> <li>• <code>errorCallback: Callback&lt;Error&gt; errorCallback</code> Function to call on error.</li> </ul> <p>Returns</p> <ul style="list-style-type: none"> <li>• <code>void</code></li> </ul>
<code>Ti.Contacts.getPersonById()</code>	Yes	

Ti.Contacts.removeGroup()	No	Groups are currently not supported in Tizen device API.
Ti.Contacts.removePerson	Yes	
Ti.Contacts.requestAuthorization()	No	Not supported in Tizen device API.
Ti.Contacts.revert()	No	Not supported in Tizen device API.
Ti.Contacts.save()	No	Not supported in Tizen device API.
Ti.Contacts.showContacts()	Yes	
<b>Ti.Contacts.Group</b>		
<b>Properties</b>		
Ti.Contacts.Group.name	Yes	
Ti.Contacts.Group.recordId	Yes	
<b>Methods</b>		
Ti.Contacts.Group.add()	Yes	
Ti.Contacts.Group.remove()	Yes	In Tizen, when a group is removed, the relevant category is wiped from contacts. But the group name will continue to show up in getAllGroups(). Defect opened.
Ti.Contacts.Group.members()	No	Use the asynchronous Ti.Contacts.Group_ <b>Tizen</b> .members() instead.
Ti.Contacts.Group.sortedMembers()	No	Use the asynchronous Ti.Contacts.Group_ <b>Tizen</b> .sortedMembers() instead.
Ti.Contacts.Group_ <b>Tizen</b> .members()	Yes (new)	<p>members(Ti.Contacts.Group group, Callback&lt;Ti.Contacts.Group_Tizen self, Ti.Contacts.Person[] persons&gt; onSuccess, Callback&lt;tizen.WebAPIError error&gt; onError) : void</p> <p>Gets people that are members of a contact group.</p> <p>Parameters:</p> <ul style="list-style-type: none"> <li>• Ti.Contacts.Group group The group for which to obtain members.</li> <li>• Callback&lt;Ti.Contacts.Group_Tizen self, Ti.Contacts.Person[] persons&gt; onSuccess The success callback.</li> <li>• Callback&lt;tizen.WebAPIError error&gt; onError) The error callback.</li> </ul>

		Returns <ul style="list-style-type: none"> <li>void</li> </ul>
Ti.Contacts.Group_ <b>Tizen</b> .sortedMembers()	Yes (new)	sortedMembers(Number sortBy, Ti.Contacts.Group group, Callback<Ti.Contacts.Group_Tizen self, Ti.Contacts.Person[] persons> onSuccess, Callback<tizen.WebAPIError error> onError) : void  Gets people that are members of this group, sorted in the specified order.  Parameters: <ul style="list-style-type: none"> <li>sortBy : Number Method for sorting. One of CONTACTS_SORT_FIRST_NAME, or CONTACTS_SORT_LAST_NAME.</li> <li>Ti.Contacts.Group group The group for which to obtain members.</li> <li>Callback&lt;Ti.Contacts.Group_Tizen self, Ti.Contacts.Person[] persons&gt; onSuccess The success callback.</li> <li>Callback&lt;tizen.WebAPIError error&gt; onError The error callback.</li> </ul> Returns <ul style="list-style-type: none"> <li>void</li> </ul>

## Ti.Contacts.Person

### Properties

Ti.Contacts.Person.address	Yes	Key <i>other</i> isn't supported on Tizen. Values <i>County</i> and <i>CountryCode</i> are not supported on Tizen.
Ti.Contacts.Person.birthday	Yes	
Ti.Contacts.Person.created	Yes	
Ti.Contacts.Person.date	Yes	For Tizen it takes only the first element from values array.
Ti.Contacts.Person.department	No	

Ti.Contacts.Person.email	Yes	Key <i>other</i> isn't supported on Tizen.
Ti.Contacts.Person.firstName	Yes	
Ti.Contacts.Person.firstPhonetic	No	Connected to Tizen device API, but doesn't work.
Ti.Contacts.Person.fullName	Yes	
Ti.Contacts.Person.id	Yes	
Ti.Contacts.Person.image	No	On Tizen, images are stored as external URLs. To do: async image property that downloads the image file.
Ti.Contacts.Person.instantMessage	No	
Ti.Contacts.Person.jobTitle	Yes	
Ti.Contacts.Person.kind	Yes	Always CONTACTS_KIND_PERSON on Tizen.
Ti.Contacts.Person.lastName	Yes	
Ti.Contacts.Person.lastPhonetic	No	Connected to Tizen device API, but doesn't work.
Ti.Contacts.Person.middleName	Yes	
Ti.Contacts.Person.middlePhonetic	No	
Ti.Contacts.Person.modified	No	
Ti.Contacts.Person.nickname	Yes	
Ti.Contacts.Person.note	Yes	Connected to Tizen device API, but doesn't work.
Ti.Contacts.Person.organization	Yes	
Ti.Contacts.Person.phone	Yes	OnTizen only the following keys are supported: <i>work, home, mobile, pager</i>
Ti.Contacts.Person.prefix	Yes	Not <i>readonly</i> on Tizen
Ti.Contacts.Person.recordId	No	
Ti.Contacts.Person.relatedNames	No	
Ti.Contacts.Person.suffix	No	
Ti.Contacts.Person.url	Yes	
<b>Ti.UI.SearchBar</b>		<b><i>Implemented from scratch for Tizen.</i></b>
<b>Properties</b>		

Ti.Ui.SearchBar.autocapitalization	Yes	Default value for Tizen is Titanium.UI.TEXT_AUTOCAPITALIZATION_SENTENCES
Ti.Ui.SearchBar.autocorrect	Yes	
Ti.Ui.SearchBar.barColor	No	
Ti.Ui.SearchBar.hintText	Yes	
Ti.Ui.SearchBar.hinttextid	No	
Ti.Ui.SearchBar.keyboardType	Yes	
Ti.Ui.SearchBar.prompt	No	
Ti.Ui.SearchBar.promptid	No	
Ti.Ui.SearchBar.showBookmark	No	
Ti.Ui.SearchBar.showCancel	Yes	
Ti.Ui.SearchBar.value	Yes	
<b>Methods</b>		
Ti.Ui.SearchBar.blur	Yes	
Ti.Ui.SearchBar.focus	Yes	
<b>Events</b>		
Ti.Ui.SearchBar.blur	Yes	
Ti.Ui.SearchBar.focus	Yes	
Ti.Ui.SearchBar.change	Yes	
Ti.Ui.SearchBar.cancel	Yes	
Ti.Ui.SearchBar.return	Yes	
<b>Ti.Network.HTTPClient</b>		
<b>Methods</b>		
Ti.Network.HTTPClient.allResponseHeaders	Yes	
Ti.Network.HTTPClient.autoEncodeURL	Yes	
Ti.Network.HTTPClient.autoRedirect	Yes	
<b>Ti.View</b>		

Ti.View.toImage	Yes	On Tizen, this function is asynchronous only. The callback is mandatory. The function always returns “undefined”.
<b>Ti.Media</b>		
<b>Properties</b>		
Ti.Media.isCameraSupported	Yes	On Tizen, this function returns true if application service with id = 'org.tizen.camera-app' is installed.
<b>Methods</b>		
Ti.Media.createAudioPlayer	Yes	
Ti.Media.createSound	Yes	
Ti.Media.getIsCameraSupported	Yes	
Ti.Media.openPhotoGallery	Yes	
Ti.Media.saveToPhotoGallery	Yes	Files saved to the photo gallery are saved to the 'Images' virtual root directory on the device storage.
Ti.Media.showCamera	Yes	Due to Tizen bug ( <a href="https://bugs.tizen.org/jira/browse/TIVI-254">https://bugs.tizen.org/jira/browse/TIVI-254</a> ), camera shows but immediately closes.
Ti.Media.showMusicLibrary	Yes	Music is shown using the 'org.tizen.music-player' application service.
Ti.Media.takeScreenshot	Yes	
<b>Ti.Media.AudioPlayer</b>		<i>Implemented from scratch for Tizen.</i>
<b>Properties</b>		
Ti.Media.AudioPlayer.Tizen.autoPlay	Yes (new)	Indicates if an audio should automatically start playback.
Ti.Media.AudioPlayer.allowBackground	No	
Ti.Media.AudioPlayer.bitRate	No	
Ti.Media.AudioPlayer.bufferSize	No	
Ti.Media.AudioPlayer.idle	Yes	
Ti.Media.AudioPlayer.paused	Yes	Read only on Tizen.
Ti.Media.AudioPlayer.playing	Yes	
Ti.Media.AudioPlayer.progress	Yes	

Ti.Media. AudioPlayer.state	Yes	
Ti.Media. AudioPlayer.STATE_XXXXX	Yes	
Ti.Media. AudioPlayer.url	Yes	
Ti.Media. AudioPlayer.volume	Yes	
Ti.Media. AudioPlayer.waiting	No	
<b>Methods</b>		
Ti.Media.isPaused	Yes	
Ti.Media.isPlaying	Yes	
Ti.Media.AudioPlayer.pause	Yes	
Ti.Media.AudioPlayer.play	Yes	
Ti.Media.AudioPlayer.release	Yes	
Ti.Media.AudioPlayer.start	Yes	
Ti.Media.AudioPlayer.stop	Yes	
Ti.Media.AudioPlayer.stateDescription	Yes	
<b>Events</b>		
Ti.Media.AudioPlayer.change	Yes	
Ti.Media.AudioPlayer.progress	Yes	
<b>Ti.Media.Sound</b>		<i>Implemented from scratch for Tizen.</i>
<b>Properties</b>		
Ti.Media. Sound.duration	Yes	
Ti.Media. Sound.looping	Yes	
Ti.Media. Sound.paused	Yes	
Ti.Media. Sound.playing	Yes	
Ti.Media. Sound.time	Yes	In seconds.
Ti.Media. Sound.url	Yes	
Ti.Media. Sound.volume	Yes	



<b>Methods</b>		
Ti.Media. Sound.isLooping	Yes	
Ti.Media. Sound.isPaused	Yes	
Ti.Media. Sound.isPlaying	Yes	
Ti.Media. Sound.pause	Yes	
Ti.Media. Sound.play	Yes	
Ti.Media. Sound.release	Yes	
Ti.Media. Sound.reset	Yes	
Ti.Media. Sound.start	Yes	
Ti.Media. Sound.stop	Yes	
<b>Events</b>		
Ti.Media. Sound.complete	Yes	
Ti.Media. Sound.error	Yes	
Ti.Media. Sound.interrupted	No	
Ti.Media. Sound.resume	No	
Ti.Facebook	<b>No</b>	
Ti.UI.ImageView		
<b>Properties</b>		
Ti.UI.ImageView.defaultImage	Yes	
Ti.UI.TextField		
<b>Properties</b>		
Ti.UI.TextBox.editable	Yes	
Ti.UI.TextField. softKeyboardOnFocus	Yes	
Ti.UI.Locale		
<b>Properties</b>		
Ti.UI.Locale. currentCountry	Yes	

Ti.UI.Locale. currentLanguage	Yes	
Ti.UI.Locale. currentLocale	Yes	
<b>Methods</b>		
Ti.UI.Locale. getString		
Ti.UI.Locale. getCurrentLanguage		
Ti.UI.Locale. getCurrentCountry	Yes	
Ti.UI.Locale. getCurrencyCode	Yes	
Ti.UI.Locale. getCurrentLocale	Yes	
Ti.UI.Locale. getCurrencySymbol	Yes	
Ti.UI.Locale. getLocaleCurrencySymbol	Yes	
Ti.UI.Locale. formatTelephoneNumber	Yes	Implemented similar to Android 4.1.1 (for mobileweb and tizen)
<b>Ti.String</b>		
<b>Methods</b>		
Ti.String. formatCurrency	Yes	
Ti.String. formatDecimal	Yes	All optional parameters are fully supported
Ti.String. formatDate	Yes	
Ti.String. formatTime	Yes	
<b>Ti.Platform</b>		
<b>Properties</b>		
Ti.Platform.address	Yes	
Ti.Platform.architecture	No	
Ti.Platform.availableMemory	No	
Ti.Platform.id	Yes	
Ti.Platform.macaddress	No	
Ti.Platform.model	Yes	

Ti.Platform.processorCount	No	
Ti.Platform.version	Yes	
<b>Ti.UI.Button</b>		
<b>Properties</b>		
Ti.UI.Button. softKeyboardOnFocus	Yes	
<b>Ti.UI.Label</b>		
<b>Properties</b>		
Ti.UI.Label.autoLink	Yes	<p>On Tizen, only the following flags are supported:</p> <ul style="list-style-type: none"> <li>• AUTOLINK_EMAIL_ADDRESSES</li> <li>• AUTOLINK_NONE</li> <li>• AUTOLINK_URLS</li> <li>• AUTOLINK_PHONE_NUMBERS</li> </ul>
<b>Ti.UI.Notification</b>		<b><i>New in Tizen</i></b>
<b>Properties</b>		
Ti.Ui.Notification.duration	Yes	
<other non-inherited properties>	No	
<b>Methods</b>		
Ti.Ui.Notification.show	Yes	
Ti.UI.Notification.hide	Yes	
<other non-inherited methods>	No	
<b>Ti.UI.OptionDialog</b>		
<b>Properties</b>		
Ti.Ui.OptionDialog.tizenView	Yes (new)	<p>tizenView : Titanium.UI.View</p> <p>View to load inside the message area, to create a custom layout.</p> <p>(Note: we could not reuse the name of the existing property, androidView, due to the obvious naming problem.)</p>

Ti.UI.Switch		
<b>Properties</b>		
Ti.Ui.Switch.label	Yes (new)	<p>label : String</p> <p>Text to display next to the switch, in addition to the label property. For example, it is possible to display a Switch with both “Off” string (defined by the title property), and a custom label describing the Switch.</p>
Ti.UI.Tizen		
<b>Methods</b>		
Ti.Ui.Tizen. hideSoftKeyboard	Yes (new)	<p>hideSoftKeyboard(Ti.UI.View view)</p> <p>Hides the soft keyboard.</p> <p>Parameters</p> <ul style="list-style-type: none"> <li>view : Ti.UI.View The currently focused view (usually text field). (It is not possible to obtain the focused view automatically.)</li> </ul> <p>Be aware that it is not currently possible in the native Tizen API or HTML5 to detect that the keyboard is already visible or to globally show the keyboard.</p>
Ti.UI.WebView		
<b>Properties</b>		
Ti.UI.WebView. url	Yes	<p>Url cannot be a file created by Ti.Filesystem.File (since Ti.Filesystem.File uses web storage). Url can be a physical local file (e.g. /opt/apps/kitchensink/index.html) or a regular remote url.</p>
<b>Methods</b>		
Ti.UI.WebView. setBasicAuthentication	Yes	<p>Currently does not work due to Tizen’s web browser bug (works in web simulator only).</p>