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** |
| **Ti.Accelerometer** | **No** |  |
| **Ti.Contacts** | | ***Implemented from scratch for Tizen.*** |
| **Properties** | | |
| 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. |
| **Methods** | | |
| 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) | getPeopleWithNameAsync (Callback< Ti.Contacts.Person[]> successCallback, Callback<Error> errorCallback)  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.  Parameters   * successCallback: Callback< Ti.Contacts.Person[]> Function to call on success. * errorCallback: Callback<Error> errorCallback Function to call on error.   Returns   * void |
| Ti.Contacts.getContactsAuthorization() | Yes | Always AUTHORIZATION\_AUTHORIZE on Tizen. |
| Ti.Contacts.getGroupById() | No | Groups are currently not supported in Tizen device API. |
| Ti.Contacts.getPeopleWithName() | No | Not supported on Tizen. Use getPeopleWithNameAsync() instead. |
| Ti.Contacts.Tizen.getPeopleWithNameAsync | Yes (new) | getPeopleWithNameAsync ( String name, Callback< Ti.Contacts.Person[]> successCallback, Callback<Error> errorCallback)  Gets people with a firstName, middleName or lastName field, or a combination of these fields, that match the specified name. Returns immediately; calls back successCallback with the result if the operation was successful, or errorCallback on failure.  Parameters   * name : String Name to match. * successCallback: Callback< Ti.Contacts.Person[]> Function to call on success. * errorCallback: Callback<Error> errorCallback Function to call on error.   Returns   * void |
| Ti.Contacts.getPersonById() | 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 |  |
| **Ti.Contacts.Group** | | |
| **Properties** | | |
| Ti.Contacts.Group.name | Yes |  |
| Ti.Contacts.Group.recordId | Yes |  |
| **Methods** | | |
| 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**\_Tizen**.members() instead. |
| Ti.Contacts.Group.sortedMembers() | No | Use the asynchronous Ti.Contacts.Group**\_Tizen**.sortedMembers() instead. |
| Ti.Contacts.Group**\_Tizen**.members() | Yes (new) | members(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 a contact group.  Parameters:   * Ti.Contacts.Group group The group for which to obtain members. * CallBack<Ti.Contacts.Group\_Tizen self, Ti.Contacts.Person[] persons> onSuccess The success callback. * CallBack<tizen.WebAPIError error> onError) The error callback.   Returns   * void |
| Ti.Contacts.Group**\_Tizen**.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:   * sortBy : Number Method for sorting. One of CONTACTS\_SORT\_FIRST\_NAME, or CONTACTS\_SORT\_LAST\_NAME. * Ti.Contacts.Group group The group for which to obtain members. * CallBack<Ti.Contacts.Group\_Tizen self, Ti.Contacts.Person[] persons> onSuccess The success callback. * CallBack<tizen.WebAPIError error> onError) The error callback.   Returns   * void |
| **Ti.Contacts.Person** | | |
| **Properties** | | |
| Ti.Contacts.Person.address | Yes | Key *other* isn’t supported on Tizen.  Values *County* and *CountryCode* 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 *other* 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: *work, home, mobile, pager* |
| Ti.Contacts.Person.prefix | Yes | Not *readonly* on Tizen |
| Ti.Contacts.Person.recordId | No |  |
| Ti.Contacts.Person.relatedNames | No |  |
| Ti.Contacts.Person.suffix | No |  |
| Ti.Contacts.Person.url | Yes |  |
| **Ti.UI.SearchBar** | | ***Implemented from scratch for Tizen.*** |
| **Properties** | | |
| 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 |  |
| **Methods** | | |
| Ti.Ui.SearchBar.blur | Yes |  |
| Ti.Ui.SearchBar.focus | Yes |  |
| **Events** |  |  |
| 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 |  |
| **Ti.Network.HTTPClient** | | |
| **Methods** | | |
| Ti.Network.HTTPClient.allResponseHeaders | Yes |  |
| Ti.Network.HTTPClient.autoEncodeURL | Yes |  |
| Ti.Network.HTTPClient.autoRedirect | Yes |  |
| **Ti.View** | | |
| Ti.View.toImage | Yes | On Tizen, this function is asynchronous only. The callback is mandatory. The function always returns “undefined”. |
| **Ti.Media** | | |
| **Properties** | | |
| Ti.Media. isCameraSupported | Yes | On Tizen, this function returns true if application service with id = 'org.tizen.camera-app' is installed. |
| **Methods** | | |
| 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 (https://bugs.tizen.org/jira/browse/TIVI-254), camera shows but immediately closes. |
| Ti.Media.showMusicLibrary | Yes | Music is shown using the 'org.tizen.music-player' application service. |
| Ti.Media.takeScreenshot | Yes |  |
| **Ti.Media.AudioPlayer** | | ***Implemented from scratch for Tizen.*** |
| **Properties** | | |
| 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 |  |
| **Methods** | | |
| 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 |  |
| **Events** | | |
| Ti.Media.AudioPlayer.change | Yes |  |
| Ti.Media.AudioPlayer.progress | Yes |  |
| **Ti.Media.Sound** | | ***Implemented from scratch for Tizen.*** |
| **Properties** |  |  |
| 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 |  |
| **Methods** | | |
| 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 |  |
| **Events** | | |
| Ti.Media. Sound.complete | Yes |  |
| Ti.Media. Sound.error | Yes |  |
| Ti.Media. Sound.interrupted | No |  |
| Ti.Media. Sound.resume | No |  |
| Ti.Facebook | **No** |  |
| Ti.UI.ImageView | | |
| **Properties** | | |
| Ti.UI.ImageView.defaultImage | Yes |  |
| Ti.UI.TextField | | |
| **Properties** | | |
| Ti.UI.TextBox.editable | Yes |  |
| Ti.UI.TextField. softKeyboardOnFocus | Yes |  |
| Ti.UI.Locale | | |
| **Properties** | | |
| Ti.UI.Locale. currentCountry | Yes |  |
| Ti.UI.Locale. currentLanguage | Yes |  |
| Ti.UI.Locale. currentLocale | Yes |  |
| **Methods** | | |
| 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) |
| Ti.String | | |
| **Methods** | | |
| Ti.String. formatCurrency | Yes |  |
| Ti.String. formatDecimal | Yes | All optional parameters are fully supported |
| Ti.String. formatDate | Yes |  |
| Ti.String. formatTime | Yes |  |
|  |  |  |
| Ti.Platform | | |
| **Properties** | | |
| 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 |  |
| Ti.UI.Button | | |
| **Properties** | | |
| Ti.UI.Button. softKeyboardOnFocus | Yes |  |
| Ti.UI.Label | | |
| **Properties** | | |
| Ti.UI.Label.autoLink | Yes | On Tizen, only the following flags are supported:   * AUTOLINK\_EMAIL\_ADDRESSES * AUTOLINK\_NONE * AUTOLINK\_URLS * AUTOLINK\_PHONE\_NUMBERS |
| Ti.UI.Notification | | ***New in Tizen*** |
| **Properties** | | |
| Ti.Ui.Notification.duration | Yes |  |
| *<other non-inherited properties>* | No |  |
| **Methods** |  |  |
| Ti.Ui.Notification.show | Yes |  |
| Ti.UI.Notification.hide | Yes |  |
| *<other non-inherited methods>* | No |  |
| Ti.UI.OptionDialog | |  |
| **Properties** | | |
| Ti.Ui.OptionDialog.tizenView | Yes (new) | tizenView : Titanium.UI.View  View to load inside the message area, to create a custom layout.  (Note: we could not reuse the name of the existing property, androidView, due to the obvious naming problem.) |
| Ti.UI.Switch | |  |
| **Properties** | | |
| Ti.Ui.Switch.label | Yes (new) | label : String  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. |
| Ti.UI.Tizen | |  |
| **Methods** | | |
| Ti.Ui.Tizen. hideSoftKeyboard | Yes (new) | hideSoftKeyboard(Ti.UI.View view)  Hides the soft keyboard.  Parameters   * view : Ti.UI.View The currently focused view (usually text field). (It is not possible to obtain the focused view automatically.)   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. |
| Ti.UI.WebView | |  |
| **Properties** | | |
| Ti.UI.WebView. url | Yes | 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. |
| **Methods** | | |
| Ti.UI.WebView. setBasicAuthentication | Yes | Currently does not work due to Tizen’s web browser bug (works in web simulator only). |