

INRIX Mobile Client API v6.1.4 for Android

August 8, 2016

Overview of INRIX Traffic Services

With INRIX Traffic services, the application can take advantage of features, such as:

- Live traffic to avoid congestion and other delays
- Learned driving habits and routes to help take the guesswork out of when to leave and which way to go
- Forecast drive times, based on best time to leave
- Smart alerts notify when to leave and warns of incidents along a drive
- Automatic re-routing as conditions change
- Connected Calendar events for automatic driving directions to important appointments
- Find on-street parking and garages with rates and directions

The INRIX Traffic Application

The latest version of INRIX Traffic Application is delivered through Google Play Store.

The INRIX Mobile Client Services SDK

The INRIX Mobile Client v6.1.4 API are accessed through GitHub.

<https://github.com/INRIX/Android-MobileSDK-External>

Release Notes

August 2016 – v6.1.4

August 8, 2016

INRIX Mobile Client APIs for Android

Highlights from INRIX Mobile Client v6.1.4 release.

- This release introduces the ability to retrieve the title of a CalendarTrip that's created from a calendar event on the user's device (e.g. *"Coffee with Joe"*), with [getTitle](#).
- A user may set a Pre-Drive Alert on a calendar trip. The departure alert takes into account travel time and traffic conditions. This release introduces the ability to check if the user has

enabled/disabled a Pre-Drive Alert with [isPreDriveNotificationEnabled](#) and get an alert interval time with [getPreDriveNotificationMinutes](#).

- A Pre-Drive Alert may be set on a user's trip, calendar trip, or saved place. This release introduces the ability to get the source of the push notification with [getSource](#).
- On-street parking retrieves where vehicles may park in city blocks. This release introduces a new polyline geometry, which aligns points along the [ParkingBlock](#) for roads with curves.

July 2016 – v6.1.3

July 5, 2016

INRIX Mobile Client APIs for Android

Highlights from INRIX Mobile Client v6.1.3 release.

- **Incidents**

This release introduces the ability to set output parameters for incident-related requests using:

- [setOutputFields](#) for IncidentBoxOptions
- [setOutputFields](#) for IncidentRadiusOptions
- [setIncidentOutputFields](#) for XDIncidentOptionsInBox
- [setIncidentOutputFields](#) for XDIncidentOptionsInRadius

June 2016 – v6.1.2

June 1, 2016

Highlights from INRIX Mobile Client v6.1.2 release.

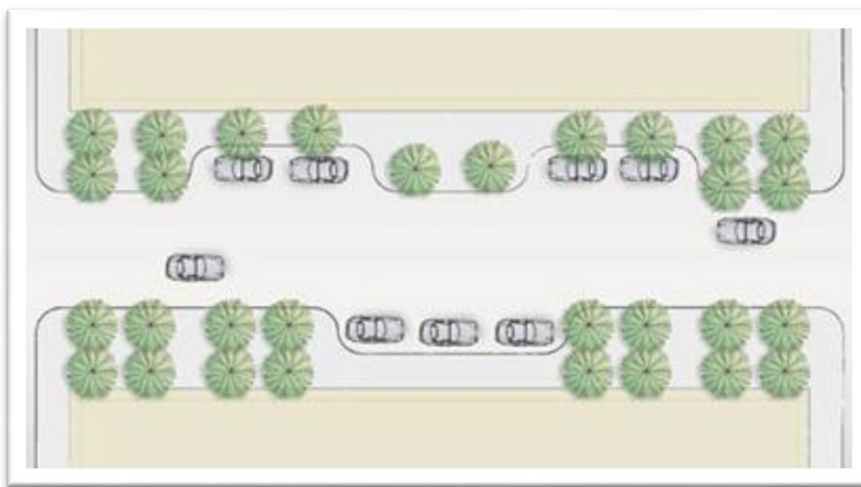
- **AutoComplete**

This release introduces a new autocomplete service that returns place predictions in response to user search queries.

- [AutocompleteMatch](#) returns a match for an autocomplete search query.

- [AutocompleteMatch.MatchedString](#) class represents a matched string in the *AutocompleteMatch* that gets the matched string's length and matched string's start offset.
- [AutocompleteMatch.Term](#) represents a section within the description that is usually comma delimited. E.g. If the description gives, "*Starbucks, 7th Avenue, Seattle, WA, United States*", then the 2nd term would return 7th Avenue.
- [SearchManager.AutocompleteSearchOptions](#) provides options for autocomplete search, such as the search radius and the minimum allowed characters for performing an autocomplete query.
- [SearchManager.IAutocompleteResponseListener](#) is a response listener to retrieve autocomplete information.

- **On-Street Parking**



This release introduces a new on-street parking service that returns elements that correspond to where vehicles may park in city blocks.

- [ParkingInfo](#) returns a list of on-street parking blocks and parking lots (and garages).
- Like a normal city blocks with cross streets, [ParkingBlock](#) returns the location of a parking block, along with street name and intersecting streets.
- One or more sections within a city block, where vehicles are allowed to park is returned by [ParkingBlock.ParkingSection](#).
- [ParkingBlock.ParkingSection.Side](#) returns the side of the street where a parking section resides: left, right or center.
- The location of pay stations along a parking block is given by [ParkingBlock.PayStation](#).

- Parking section restrictions are detailed in [ParkingBlock.ParkingSection.Zone](#), such as carpool only or limited parking.
- [ParkingBlock.Occupancy](#) returns the dynamic information about the likelihood of parking availability in one section of a parking block. There are two types of data:
 - [getValue](#) returns the percentage of total spaces that are occupied in the section. The lower the percentage, the greater the prospect of parking availability.
 - [getBucket](#) returns an integer (0-3) that represents the likelihood of finding available parking, e.g. 3 is higher availability. The greater the number, the greater the prospect of available parking.
- [ParkingBlock.PaymentMethod](#) is used by *PayStation* and returns possible payment methods for on-street metered parking, such as cash, credit cards and pay by phone.
- `ParkingBlock.PricingPayment` returns a list of parking rates. E.g. free for the first hour, 4 USD for 2 hours, and 8 USD for 4 hours.
- [ParkingBlock.ParkingRestriction](#) gets parking restrictions per section of a parking block.
- [ParkingManager.IParkingInfoResponseListener](#) is a response listener to retrieve on-street parking information.
- The methods within the class [ParkingManager](#) underwent a name change:
 - `getParkingLotsBox` is renamed to [getParkingInfoBox](#)
 - `getParkingLotsRadius` is renamed to [getParkingInfoRadius](#)

v3.0 - v6.0

Highlights from INRIX Mobile Client v3.0 – v6.0 releases.

AddressLocator
 AlertsManager
 AreaLimitedManager
 BoundingBox
 CalendarTrip

CameraManager
CompositeTileManager
CompositeTileMetadata
CompressedPolyline
Configuration
ContactInfo
ContactInfoCollection
Error
Flags
GasStationCollection
GasStationManager
GasStationsConfig
GeoPoint
GeoUtils
ICancellable
IDataResponseListener
IEntity
IFilter
Incident
IncidentAlert
IncidentCollection.
IncidentReportResult
IncidentsConfig
IncidentsManager
IncidentUtils
InrixCore
InrixDateUtils
InrixException
IPushChannel
IPushNotification
Itinerary
ItineraryConfig
ItineraryEntry
ItineraryManager
JsonEntityBase
JsonRestEntityBase
JsonRestError
LearnedLocation
LearnedTrip
Location
LocationMatch
LocationsManager
ParkingConfig
ParkingLot
ParkingLotCollection
ParkingManager

PhsDataResponse
PreDriveNotification
PushChannelFactory
PushNotification
PushNotificationParser
RefreshableManager
ReportWrongTrafficColorConfig
RequestRouteResults
Route
RouteCongestionIndicatorInfo
RouteIncidentAlert
RouteManager
RoutesConfig
RouteTracker
RouteTravelTime
SavedLocation
SavedTrip
SdkConfigurationChangedListener
SearchManager
ServerErrorStatus
ServiceAvailability
ServiceAvailabilityManager
ServiceAvailabilityResult
SingleGasStationResult
SingleLocationCollection
SingleParkingLot
StringUtils
TileManager
TrafficManager
TrafficQuality
TrafficQualityConfig
TrafficTilesConfig
TravelTimeResponse
Trip
TripInformation
TripLibrary
TripManager
TripPoint
TripSchedule
UpdatedRouteResults
UserManager
UserPreferences
UserProperties
UserPropertyManager
ValueConverter
VehicleState

VehicleStateManager

XDIncident

ZoomLevel