INRIX Mobile Client API v6.1.3 for Android

July 5, 2016

Overview of INRIX Traffic Services

With INRIX Traffic services, your app 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 INRIX Traffic Application v6.1.2 is delivered through the Google Play Store.

The INRIX Mobile Client Services SDK

The INRIX Mobile Client v6.1.3 API are accessed through GitHub.
https://github.com/INRIX/Android-MobileSDK-External

Release Notes

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 IncidentRadiusOptions
  - setOutputFields for IncidentBoxOptions
  - setOutputFields for XDIncidentOptionsInRadius
  - setOutputFields for XDIncidentOptionsInBox

June 2016 – v6.1.2

June 1, 2016

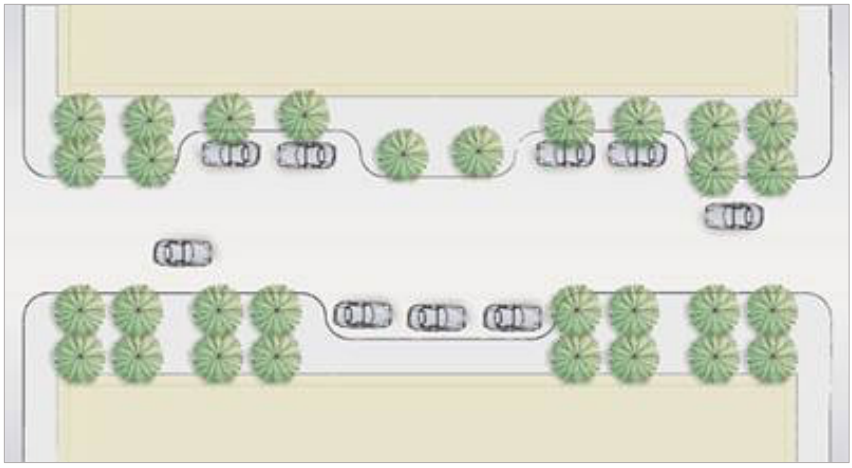
Highlights from INRIX Mobile Client v6.1.2 release.

- **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