INRIX Mobile Client SDK for Android SDK v6.0 Preview Release

What's New

The INRIX Mobile Client SDK for Android is going to be advancing functionality over the next few months. This will include new Classes and Interfaces that provide new and unique services to the current SDK.

SDK v6.0 Preview

User Scenarios that can be enabled in this preview build as described in documentation [1]:

- User can register a vehicle with the INRIX Vehicle State Service (VSS) so that the user's vehicle data can be uploaded [VehicleStateManager]
- ItineraryManager provides a view of your Learned Trips, Saved Trips and Calendar trips [ItineraryManager]. Not all the scenarios are fully working.
- Reminders can be added to Calendar objects [TripManager][CalendarTrip]

Please see sample app in the release distribution for specific examples [2].

SDK Github Location

The current release of the SDK is located in the 'Preview' branch of
https://github.com/INRIX/Android-MobileSDK-External/tree/preview

Previous Releases

Below are the details of the previous releases of INRIX Mobile Client SDK for Android.

SDK v5.0 Preview

User Scenarios that can be enabled in this preview build using INRIX's new user account system as described in documentation [1]:

- User can retrieve all upcoming trips including his/her saved, calendar and learned trips from the itinerary [ItineraryManager]
- User's learned trips can be linked automatically to his/her saved trips as preferred routes if they happened to be between same terminals (origin and destination) [ItineraryManager]
- User can set trip specific route preferences such as avoid tollways, avoid highways, avoid ferries etc in addition to the route preference such as fastest or shortest route [TripManager][SavedTrip]

Please see sample app in the release distribution for specific examples [2].

SDK v4.0 Preview

User Scenarios that can be enabled in this preview build using INRIX's new user account system as described in documentation [1]:

- User can be notified of any updates to current route with changes in traffic, updated travel time, traffic congestion/speed buckets, ETA etc [RouteManager]
- User can be notified if there is a new route that is significantly better than the current route that he/she is driving [RouteManager]
- User can retrieve all their saved places/favorite locations, saved/custom trips after signing into his/her INRIX user account [LocationsManager]
- User can reset password if he/she forgot password for INRIX user account [UserManager]
- User can be alerted when is the best time to leave in traffic in order to make it on time based on his/her calendar events or appointments. [UserManager] [TripLibraryManager]
- User's trips can be learned as they drive to understand and learn his/her preferred routes, driving behaviors etc [TripLibraryManager]

- User can find available parking lots close to a particular location. [ParkingManager]

Please see sample app in the release distribution for specific examples [2].

SDK v3.1 Preview

User Scenarios that can be enabled in this preview build using INRIX's new user account system as described in documentation [1]:

- User can create/register INRIX user account [UserManager]
- User can sign-in to INRIX user account [UserManager]
- User can change password [UserManager]
- User can sign out from INRIX user account [UserManager]
- User can stay signed in unless specifically signed out [UserManager]
- User can use INRIX services as an anonymous user without signing into INRIX user account system [UserManager]
- User can search for POIs along route [SearchManager]
- User can retrieve POI information based on current location or lat/long [SearchManager]
- User can save trips in user's trip itinerary [TripManager]
- User can get Drive Time Warnings about incidents ahead on route and can be notified if there is a better alternate route [AlertsManager] [RouteManager]
- User can receive push notifications of Pre-drive alerts on saved trip [UserManager] [TripManager]
- User can see traffic cameras along his/her route [CamerasManager]

Please see sample app in the release distribution for specific examples [2].

SDK Feedback

This is a "Preview" release only, which is not yet production ready. The Classes and Interfaces are not final and therefore can change in a future release. While in this state we welcome feedback on the changes to help INRIX build a better product.

The Cloud services that support this release will be updated periodically. During these updates, the service may not be available. If the service is not available for more the 4 hours please report the issue.

In this release, there are new services/APIs that have just come online. Please give them a try and give us feedback.

Known Issues

1. Currently do not support multiple users on same device
2.   Also currently we do not support same user on multiple devices

Technical Support

Technical support is provided through a Customer Support portal located here: https://bugs.inrix.com/servicedesk/customer/portal/6. If you don't have access to the portal please send email to custrprt@inrix.com.

Subject: Support Portal Account Request

- •   Email to associate with the support account
- •   Name associated with the email
- •   Company Name

Only one email account per company is supported today.

References

Below are few INRIX Android Mobile SDK 5.0 Preview release references:

[1] SDK Java Doc: https://github.com/INRIX/Android-MobileSDK-External/tree/preview/doc/javadoc
[2] SDK Sample App: https://github.com/INRIX/Android-MobileSDK-External/tree/preview/sample-app
[3] SDK release distribution: https://github.com/INRIX/Android-MobileSDK-External/tree/preview