**Scene Kit**

1) How can i change the starting point on the face of FaceView’s scene?

FaceView’s loadAsset function needs two parameters. First parameter is the resource name that from assets folder and second parameter is the configuration of starting point of scene. You can choose the point by select from 5 different starting point of **LandMarkType** enum.

2) Is SceneView works without SkyBox integration?

Yes, SkyBox is optional on integration. If you want to use that material, call **loadSkyBox**(filePath) function in the surfaceCreated method of SceneView.

**Push Kit**

1) How to create dummy notification on device?

Step 1: Create Notification Channel

NotificationManager manager = context.getSystemService(NotificationManager.class);

NotificationChannel channel = new NotificationChannel(

"push\_kit",

"Push Kit",

NotificationManager.IMPORTANCE\_HIGH);

manager.createNotificationChannel(channel);

Step 1.1: Vibration (Optional): If you want to add vibration to dummy notifications, you need to set vibration pattern to channel. Necessary permissions have to granted.

...

channel.setVibrationPattern(new long[]{0,1000});

...

Step 2: Create notification instance

Notification notification = new NotificationCompat.Builder(context,channel).'configurations'.build();

Step 2.1 -> Target activity (Optional): If you want to add activity that opens when you tap to dummy notification, you need to add it to notification instance.

PendingIntent pendingIntent = PendingIntent.getActivity(context, requestCode, intent, flags);

..

setContentIntent(pendingIntent)

...

build();

2) How to send information that received from HmsMessageService to another activity?

By send broadcast from onMessageReceived function in class that extends HmsMessageService and received from target activity with receiver. Receiver must be specified in manifest.xml call

**Image Kit**

1) Why Theme Tagging Service's resultcode is 200302?

One of the reason is that if your project has 'ML Kit-Object detection service' SDK it conflicts with image Kit because Theme Tagging service is also using this service. It's recommended that you need to set ' needObjectList=false ' parameter to use cloud side functions and avoid this resultcode.

**HiAi Engine**

1) Is there any limition on the aspect ratio of images for Face Orientation Recognition?

Input image height/width rate must be **3/4** in Face Orientation Recognition service. If you don't comply with this requirement, you will receive the result code 200.

2) Why Document Skew Correction service's resultcode is 101?

One of the reason is that input image does not contain **any** document, so service couldn't complete the skew correction process and you receive the result code 101.

3) Is there any limitation on total pixel size of images for Text Image Super Resolution?

Max size of image is **1340000** (height x width); if you exceed this value, the resultcode return 200. Size of image should reduce before call doSuperResolution of Text Image Super Resolution.

4) Is there any restriction on total byte size of data in Video Portrait Segmentation?

No there is no restriction about data length but multiplying the metada height and metadata width has to equal to **1.5** times of size of given data length. Configuration must be set according to this rule.