

1. On request Data (current data)
2. Historical Data (Data saved on android DB)
3. Continuous Data

On Request Data

[illegible]

3.	BluetoothProbe	300	{"android.bluetooth.device.extra.CLASS":{"mClass":7936},"android.bluetooth.device.extra.DEVICE":{"mAddress":"00:01:95:0E:FB:6D","mValueNREC":1,"mValueWBS":0},"android.bluetooth.device.extra.RSSI":-89,"timestamp":1403308498.316}
4.	BatteryProbe	300	{"charge_type":0,"current_avg":0,"health":2,"icon-small":17303540,"invalid_charger":0,"level":89,"online":1,"plugged":0,"present":true,"scale":100,"status":3,"technology":"Li-ion","temperature":305,"timestamp":1403476991.281,"voltage":4138}

Historical Data

No	Probes	Interval, duration (s)	Example Data
1.	CallLogProbe	86400	{"_id":138,"date":1388546948227,"duration":35,"name":"Cnuaanton","number":"1067442686","numbertype":"2","timestamp":1388546948.227,"type":1}
2.	ApplicationsProbe	86400	{"compatibleWidthLimitDp":0,"dataDir":"/data/data/com.lifevibes.trimapp","descriptionRes":0,"enabled":true,"enabledSetting":0,"flags":13155909,"icon":2130837526,"installLocation":-1,"installed":true,"installedTimestamp":null,"isNoAudit":0,"isTrusted":0,"labelRes":2131165184,"largestWidthLimitDp":0,"level":-1,"logo":0,"nativeLibraryDir":"/data/data/com.lifevibes.trimapp/lib","packageName":"com.lifevibes.trimapp","processName":"com.lifevibes.trimapp","publicSourceDir":"/system/app/TrimApp_phone_J.apk","requiresSmallestWidthDp":0,"seinfo":"default","sourceDir":"/system/app/TrimApp_phone_J.apk","targetSdkVersion":17,"taskAffinity":"com.lifevibes.trimapp","theme":0,"timestamp":1403476969.264,"uiOptions":0,"uid":10142}

3.	HardwareInfoProbe	86400	{"androidId":"5a0d4221916c50ce","bluetoothMac":"08:D4:2B:2A:05:3D","brand":"samsung","deviceId":"354257050990298","model":"SHV-E250K","timestamp":1403489373.257,"wifiMac":"08:D4:2B:2A:05:3E"}
4.	BrowserSearchesProbe	86400	
5.	BrowserBookmarksProbe	86400	
6.	ContactProbe	86400	{"contactData":[{"_id":68460,"data1":"Abraham Williams","data10":1,"data11":0,"data2":"Abraham","data3":"Williams","data_version":0,"is_primary":0,"is_super_primary":0,"mimetype":"vnd.android.cursor.item/name","raw_contact_id":2294},{"_id":68461,"data1":-17246,"data2":0,"data3":-17246,"data_version":0,"is_primary":0,"is_super_primary":0,"mimetype":"vnd.android.cursor.item/vnd.com.whatsapp.profile","raw_contact_id":2294},{"_id":1770909,"data1":0,"data2":0,"data3":0,"data_version":0,"is_primary":0,"is_super_primary":0,"mimetype":"vnd.android.cursor.item/name_svoice_dmetaphone_primary_encoding","raw_contact_id":2294}],{"contact_id":2405,"custom_ringtone":{"ONE_WAY_HASH":"","display_name":{"ONE_WAY_HASH":"ec439468307bde3ebf30eadf336731d93de67cb7"},"in_visible_group":0,"last_time_contacted":0,"lookup":"3789r2294-2729492735273F0453373D3D37273F4B","photo_id":0,"send_to_voicemail":0,"starred":0,"times_contacted":0,"timestamp":1403477060.88}}
7.	SmsProbe	86400	{"address":"01043568989","body":{"ONE_WAY_HASH":"","6fff5eac1870dbcca2b83bd3414ce50e9aeb427"},"body-byte-len":25,"body-token-byte-len":"3-5-3-6-4-","body-token-count":5,"date":1402660061224,"locked":false,"protocol":0,"read":true,"reply_path_present":false,"status":-1,"thread_id":29,"timestamp":1402660061.224,"type":2}

Continuous Data

No	Probes	Interval, duration (s)	Example Data
1.	LightSensorProbe	120,0.07	{"accuracy":0,"lux": 121.0 ,"timestamp": 1402725082.124436 }
2.	ProximitySensorProbe	120,0.07	{"accuracy":0,"distance": 8.0 ,"timestamp": 1402725082.030173 }
3.	TemperatureSensorProbe	120,0.07	
4.	MagneticFieldSensorProbe	120,0.07	{"accuracy":2,"timestamp": 1402725082.028829 ,"x": -26.939999 ,"y": -8.5199995 ,"z": -24.06 }
5.	PressureSensorProbe	120,0.07	{"accuracy":0,"pressure": 999.82 ,"timestamp": 1402725083.016377 }
6.	ActivityProbe	120, 3	{"activityLevel": "none" ,"timestamp": 1402725083.715 }
7.	ScreenProbe	0	{"screenOn": true ,"timestamp": 1402725416.351 }
8.	RunningApplicationsProbe	0	{"duration": 6.143 ,"taskInfo":{"baseIntent":{"mAction":"android.intent.action.MAIN","mCategories":["android.intent.category.LAUNCHER"],"mComponent":{"mClass":" kr.ac.jnu.net sys.MainActivity ","mPackage":" edu.mit.media.funf.wifiscanner "},"mFlags":268435456,"mPackage":"edu.mit.media.funf.wifiscanner","mWindowMode":0},"id":30,"persistentId":30},"timestamp":1402725116.144}

Information and Explanation

Battery

Charge Type:

BATTERY_PLUGGED_AC=1
BATTERY_PLUGGED_USB=2
BATTERY_PLUGGED_WIRELESS=4

Health

BATTERY_HEALTH_COLD =7
BATTERY_HEALTH_DEAD =4
BATTERY_HEALTH_GOOD =2
BATTERY_HEALTH_OVERHEAT=3
BATTERY_HEALTH_OVER_VOLTAGE =5
BATTERY_HEALTH_UNKNOWN =1
BATTERY_HEALTH_UNSPECIFIED_FAILURE= 6

Status

BATTERY_STATUS_CHARGING=2
BATTERY_STATUS_DISCHARGING=3
BATTERY_STATUS_FULL=5
BATTERY_STATUS_NOT_CHARGING=4
BATTERY_STATUS_UNKNOWN=1

Call Log

INCOMING_TYPE = 1;
OUTGOING_TYPE = 2;
MISSED_TYPE = 3;

SMS Log

Status:

STATUS_NONE = -1;
STATUS_COMPLETE = 0;
STATUS_PENDING = 32;
STATUS_FAILED = 64;

Type:

MESSAGE_TYPE_ALL = 0;
MESSAGE_TYPE_INBOX = 1;
MESSAGE_TYPE_SENT = 2;

```
MESSAGE_TYPE_DRAFT = 3;
MESSAGE_TYPE_OUTBOX = 4;
MESSAGE_TYPE_FAILED = 5; // for failed outgoing messages
MESSAGE_TYPE_QUEUED = 6; // for messages to send later
```

Activity

value : **low, high, and none**

using accelerometer sensor for compute activity

```
if (varianceSum >= 10.0f) {
    data.addProperty(ACTIVITY_LEVEL, ACTIVITY_LEVEL_HIGH);
} else if (varianceSum < 10.0f && varianceSum > 3.0f) {
    data.addProperty(ACTIVITY_LEVEL, ACTIVITY_LEVEL_LOW);
} else {
    data.addProperty(ACTIVITY_LEVEL, ACTIVITY_LEVEL_NONE);
}
```