

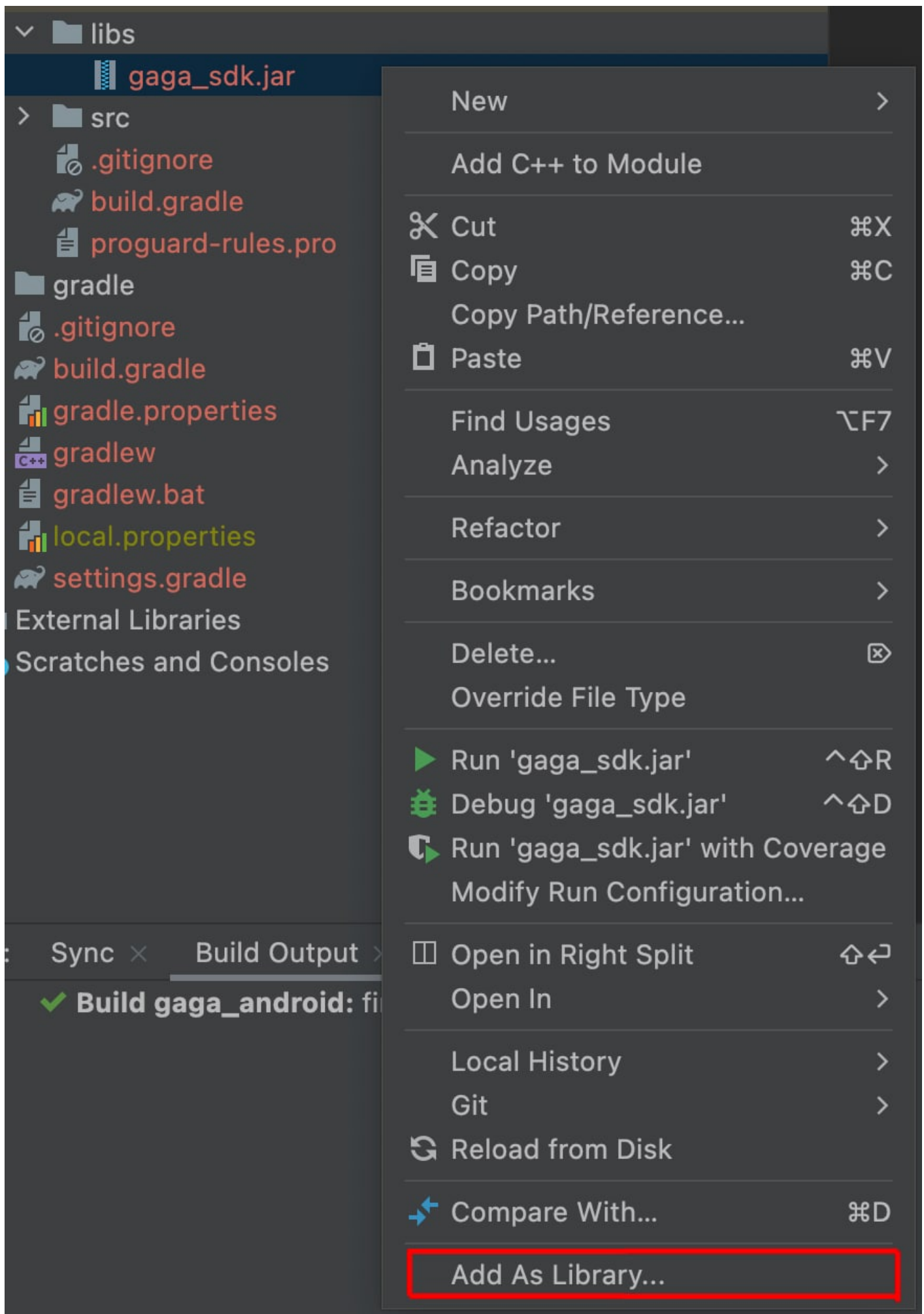
Gaga Miner Android SDK integration Tutorial

- This document is a simple example of SDK integration.
- For official stable running application reference please go to [Gaga Android](#).

1. Go to GitHub to download the latest version .jar SDK

https://github.com/gaganode/gaga_android_sdk

2. Add the SDK.jar file to your libs folder and Add as library



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```
<uses-permission android:name="android.permission.INTERNET" >
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />
```

4. In your Activity start the sdk

```
String token= "{your token}";
SharedPreferences miner_sdk_sp= getSharedPreferences("miner_sdk",MODE_PRIVATE);
long node_id=miner_sdk_sp.getLong("node_id", Math.abs(new Random().nextLong()));
miner_sdk_sp.edit().putLong("node_id",node_id).apply();

//MinerSdk.setProduct(Build.BRAND+": "+Build.MODEL); //optional:for better optimization
MinerSdk.init(node_id,token);
MinerSdk.start();
```