

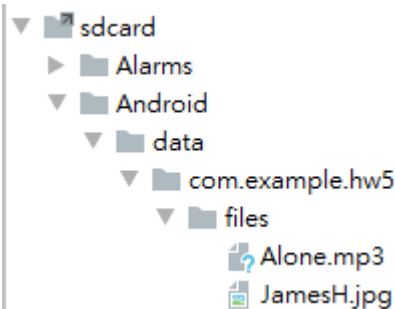
首先需要存取檔案，需要用到 Provider

```
<provider
    android:name="androidx.core.content.FileProvider"
    android:authorities="com.example.hw5.provider"
    android:exported="false"
    android:grantUriPermissions="true">
    <meta-data
        android:name="android.support.FILE_PROVIDER_PATHS"
        android:resource="@xml/provider_paths" />
</provider>
```

所允許的路徑為

```
<paths xmlns:android="http://schemas.android.com/apk/res/android">
    <root-path name="external_files" path="/storage/" />
</paths>
```

對應到 SD card



那存取需要的 CODE 為

```
case R.id.mp3:
    File mp3 = new File(getExternalFilesDir( type: null), child: "Alone.mp3");
    it.setDataAndType(FileProvider.getUriForFile( context: this, authority: getPackageName() + ".provider", mp3), type: "audio/*");
    it.addFlags(Intent.FLAG_GRANT_READ_URI_PERMISSION);
    break;
case R.id.pic:
    File photo = new File(getExternalFilesDir( type: null), child: "JamesH.jpg");
    it.setDataAndType(FileProvider.getUriForFile( context: this, authority: getPackageName() + ".provider", photo), type: "image/*");
    it.addFlags(Intent.FLAG_GRANT_READ_URI_PERMISSION);
    break;
```

getExternalFilesDir(**null**)所得到的路徑為

/storage/emulated/0/Android/data/com.example.hw5/files

這樣就可以拿到檔案了