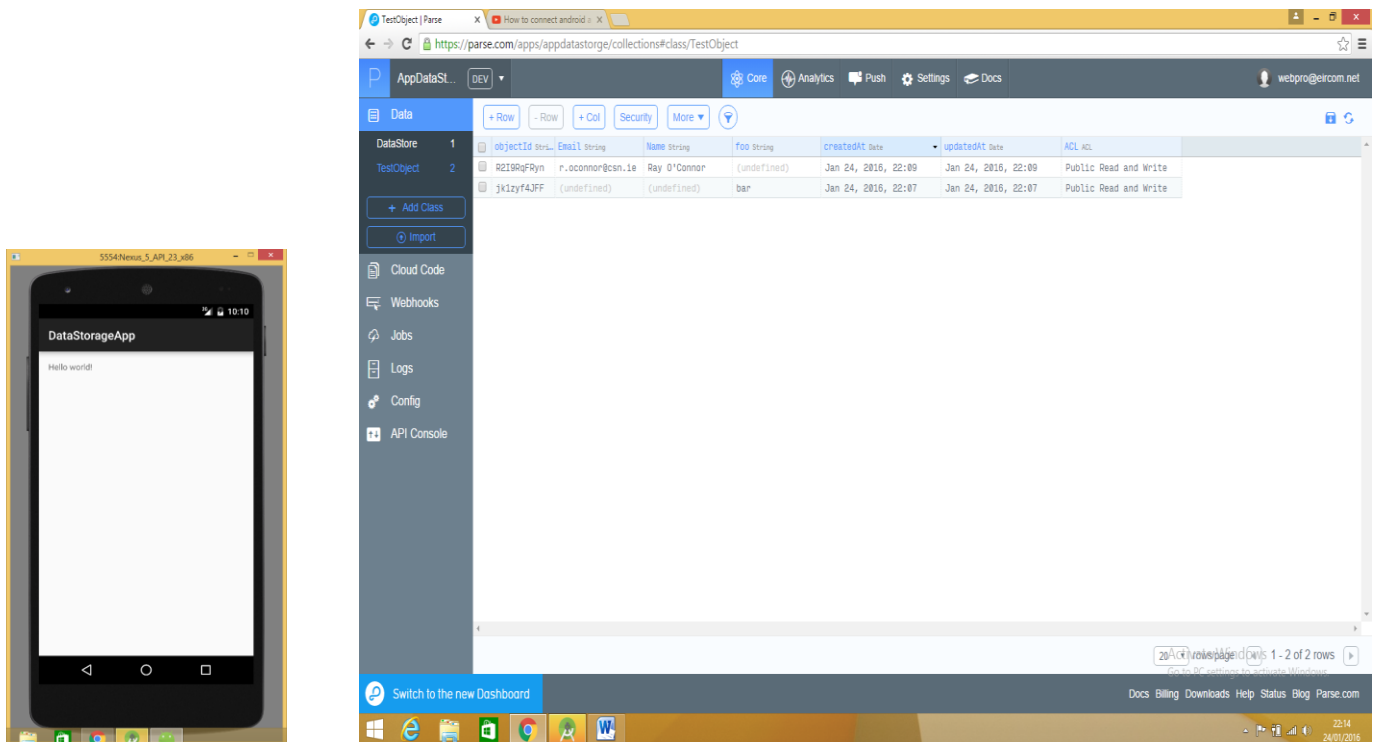


Saving Data to Cloud Storage using Parse

https://www.youtube.com/watch?v=3KQN_W9AGIU



Setup an account with parse.com

- Click Create New App
- Give It a meaningful name
- Click Make It
- Launch QuickStart and click Data – Mobile – Android – Native (Java) – Existing Project
- Download the SDK and follow instructions (unzip the SDK and copy and paste the .jar file into the lib folder of a new project in Android Studio)

Code as follows

Build.gradle

```
apply plugin: 'com.android.application'

android {
    compileSdkVersion 23
    buildToolsVersion "23.0.2"
    defaultConfig {
        applicationId "com.raymundoconnor.datastorageapp"
        minSdkVersion 17
        targetSdkVersion 23
        versionCode 1
        versionName "1.0"
    }
    buildTypes {
        release {
            minifyEnabled false
            proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'
        }
    }
}

dependencies {
    compile fileTree(include: ['*.jar'], dir: 'libs')
    compile 'com.android.support:appcompat-v7:23.1.1'
```

```
    compile 'com.parse:parse-android:1.+'
}
```

Manifest file

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.raymundoconnor.datastorageapp" >

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

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:theme="@style/AppTheme" >

        <meta-data
            android:name="com.parse.APPLICATION_ID"
            android:value="MlbcEviKpW2iLpPJIabNvU9BAD71i5VfsGCakJup" />
        <meta-data
            android:name="com.parse.CLIENT_KEY"
            android:value="zEcIoc00RonKZLmxZhB9VMszilVTELF8r22ExOrB" />

        <activity
            android:name=".MainActivity"
            android:label="@string/app_name" >
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

.Java file

```
package com.raymundoconnor.datastorageapp;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;

import com.parse.Parse;
import com.parse.ParseObject;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        // [Optional] Power your app with Local Datastore. For more info, go to
        // https://parse.com/docs/android/guide#local-datastore
        Parse.enableLocalDatastore(this);

        Parse.initialize(this, "MlbcEviKpW2iLpPJIabNvU9BAD71i5VfsGCakJup", "zEcIoc00RonKZLmxZhB9VMszilVTELF8r22ExOrB");
        ParseObject testObject = new ParseObject("TestObject");
        testObject.put("Name", "Ray O'Connor");
        testObject.put("Email", "r.oconnor@csn.ie");
        testObject.saveInBackground();
    }
}
```