Lattreche
Maxime
Stir2

CODE SOURCE

Contenu

1 MainActivity

```java
public class MainActivity extends ActionBarActivity {

    TextView poids,tension,temperature;
    Button suivi;
    String line;
    ImageView i_poids,i_tension,i_temperature;
    MyReceiver myReceiver;
    PowerManager.WakeLock wakeLock;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        i_tension =(ImageView)findViewById(R.id.i_tension);
        i_tension.setImageResource(R.drawable.eclair);

        i_poids =(ImageView)findViewById(R.id.i_poids);
        i_poids.setImageResource(R.drawable.balance);

        i_temperature =(ImageView)findViewById(R.id.i_temperature);
        i_temperature.setImageResource(R.drawable.thermometre);

        suivi = (Button) findViewById(R.id.suivi_j);
        poids = (TextView) findViewById(R.id.poids);
        tension = (TextView) findViewById(R.id.tension);
        temperature = (TextView) findViewById(R.id.temperature);
        suivi.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new Intent(MainActivity.this,Suivi_Journalier.class);
                startActivity(intent);
            }
        });


        try {

            FileInputStream fstream = openFileInput("test15.txt");
            DataInputStream in = new DataInputStream(fstream);
            BufferedReader br = new BufferedReader(new InputStreamReader(in));
            String lastLine="";

            while ((line=br.readLine())!=null)
            {
                lastLine=line;
```

```java
        }


        String str [] = lastLine.split(" ");
        poids.setText(str[2]+"kg");
        tension.setText(str[4]+"%");
        temperature.setText(str[3]+"°");

    }
    catch (FileNotFoundException e)
    {
        e.printStackTrace();
    }
    catch (IOException e)
    {
        e.printStackTrace();
    }

}

private class MyReceiver extends BroadcastReceiver {

    @Override
    public void onReceive(Context arg0 , Intent arg1)
    {
        Bundle bundle;
        bundle = arg1.getExtras();
        String Smessage = bundle.getString("DATAPASSED");
        final String str [] = Smessage.split(" ");
        poids.setText(str[2]+"kg");
        tension.setText(str[4]+"%");
        temperature.setText(str[3]+"°");
    }
}



@Override
public void onBackPressed(){

    new AlertDialog.Builder(this)
        .setTitle("Quitter ?")
        .setMessage("etes vous sur de vouloir quitter ? ")
        .setNegativeButton(android.R.string.no, null)
        .setPositiveButton(android.R.string.yes, new DialogInterface.OnClickListener() {
            @Override
            public void onClick(DialogInterface dialog, int which) {
                MainActivity.super.onBackPressed();
                System.exit(0);
            }
        }).create().show();
}

@Override
public void onDestroy()
```

```java
    {
        super.onDestroy();
    }

    @Override
    public void onStart()
    {
        PowerManager pm=(PowerManager)getSystemService(Context.POWER_SERVICE);
        wakeLock =
pm.newWakeLock(PowerManager.PARTIAL_WAKE_LOCK,"monwakelock");

        myReceiver = new MyReceiver();
        IntentFilter intentFilter = new IntentFilter();
        intentFilter.addAction(ServiceUDP.MY_ACTION);
        registerReceiver(myReceiver, intentFilter);

        Intent intent = new Intent(MainActivity.this,ServiceUDP.class);
        startService(intent);
        super.onStart();
    }



}
```

2   ServiceUDP

```java
/**
 * Created by maxime on 24/05/15.
 */
public class ServiceUDP extends Service {

    DatagramSocket datagramSocket;
    DatagramPacket packet;
    Boolean continuer = true;
    String message2;
    byte [] buffer = new byte[1024];
    final static String MY_ACTION = "MY_ACTION";
    public static final int ID_NOTIFICATION = 1988;


    @Override
    public void onCreate() {
        super.onCreate();
        try {
            datagramSocket = new DatagramSocket(5053);
        }
        catch (SocketException e)
        {

        }
```

```java
        packet = new DatagramPacket(buffer,buffer.length);

    }
    @Override
    public void onDestroy()
    {
        super.onDestroy();
    }



    @Override
    public int onStartCommand (final Intent intent , int flags , int startID) {

        final String LOG_TAG = "MyClass";
        Log.w(LOG_TAG, "le startcommand s'est lancé");

        Thread UDPThread;
        UDPThread = new Thread(new Runnable() {
            @Override
            public void run() {
                while (continuer) {
                    try
                    {
                        datagramSocket.receive(packet);
                        Log.w(LOG_TAG, "le startcommand a recu");
                        final String message = new String(packet.getData(),0,packet.getLength());
                        message2=message +System.getProperty("line.separator");
                        Intent intent = new Intent();
                        intent.setAction(MY_ACTION);
                        intent.putExtra("DATAPASSED",message2);
                        sendBroadcast(intent);
                        Log.w(LOG_TAG, "le message est passé");

                        try {
                            FileOutputStream  out = openFileOutput("test15.txt",MODE_APPEND);
                            out.write(message2.getBytes());
                        }
                        catch (FileNotFoundException e)
                        {
                            e.printStackTrace();
                        }
                        catch (IOException e)
                        {
                            e.printStackTrace();
                        }

                    } catch (IOException e)
                    {
                        e.printStackTrace();
                    }
                    NotificationManager notificationManager =
(NotificationManager)getSystemService(Context.NOTIFICATION_SERVICE);
                    Notification notification = new
Notification(R.drawable.ic_launcher,"HoneyBee",System.currentTimeMillis());
```

```
                Intent notifintent = new Intent(ServiceUDP.this,MainActivity.class);
                PendingIntent pendingIntent =
PendingIntent.getActivity(ServiceUDP.this,0,notifintent,0);
                String bonjour = " HoneyBee";
                String aurevoir = "De nouvelles données ont été transmises !";
                notification.setLatestEventInfo(ServiceUDP.this,bonjour,aurevoir,pendingIntent);
                notification.vibrate = new long[] {0,200,100,200,100,200};
                notificationManager.notify(ID_NOTIFICATION, notification);


            }


        }
    });
    UDPThread.start();


    return Service.START_STICKY;
  }



  public IBinder onBind(Intent intent)
  {
    return null;
  }
}
```

3   SuiviJournalier

```
/**
 * Created by maxime on 13/03/15.
 */
public class Suivi_Journalier extends ActionBarActivity {

    private Button rechercher;
    private Button change_date;
    TextView poids, tension, temperature;
    EditText txtDate;
    RadioGroup groupe;
    String heure;
    ImageView i_poids,i_tension,i_temperature;
    static final int DATE_DIALOG_ID = 100;

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.suivi);

        i_tension =(ImageView)findViewById(R.id.i_tension);
        i_tension.setImageResource(R.drawable.eclair);
```

```java
        i_poids =(ImageView)findViewById(R.id.i_poids);
        i_poids.setImageResource(R.drawable.balance);

        i_temperature =(ImageView)findViewById(R.id.i_temperature);
        i_temperature.setImageResource(R.drawable.thermometre);

        addbouton();
    }


public void addbouton()
{
    change_date = (Button)findViewById(R.id.b_changedate);
    change_date.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            showDialog(DATE_DIALOG_ID);
        }
    });

    rechercher = (Button)findViewById(R.id.b_rechercher);
    rechercher.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {

            String line ="";
            txtDate= (EditText)findViewById(R.id.txtdate);
            poids = (TextView)findViewById(R.id.poids);
            tension = (TextView)findViewById(R.id.tension);
            temperature= (TextView)findViewById(R.id.temperature);
            groupe = (RadioGroup)findViewById(R.id.groupe);
            change_date = (Button)findViewById(R.id.b_changedate);

            try {
                FileInputStream fstream = openFileInput("test15.txt");
                DataInputStream in = new DataInputStream(fstream);
                BufferedReader br = new BufferedReader(new InputStreamReader(in));
                while ((line=br.readLine())!=null)
                {
                    String Txtdate=txtDate.getText().toString();
                    String str [] = line.split(" ");



                    if (groupe.getCheckedRadioButtonId() == R.id.choix1)
                    {
                        heure = "matin";
                    }
                    else if (groupe.getCheckedRadioButtonId()== R.id.choix2)
                    {
                        heure ="soir";
                    }
```

```java
                    if (Txtdate.equals("") && groupe.getCheckedRadioButtonId()== -1 )
                    {
                        Toast.makeText(Suivi_Journalier.this,"Vous n'avez pas choisi de date ni
d'heure",Toast.LENGTH_LONG).show();
                    }
                    else if (groupe.getCheckedRadioButtonId()== -1)
                    {
                        Toast.makeText(Suivi_Journalier.this,"Vous n'avez pas choisi d'heure
:)",Toast.LENGTH_LONG).show();
                    }
                    else if (Txtdate.equals(""))
                    {
                        Toast.makeText(Suivi_Journalier.this,"Vous n'avez pas choisi de date
:)",Toast.LENGTH_LONG).show();
                    }
                    else if (str[0].equals(Txtdate) && str[1].equals(heure))
                    {
                        poids.setText(str[2]+"kg");
                        tension.setText(str[4]+"%");
                        temperature.setText(str[3]+"°");
                    }


                }


            }
            catch (FileNotFoundException e)
            {
                e.printStackTrace();
            }
            catch (IOException e)
            {
                e.printStackTrace();
            }

            if(poids.getText().toString().equals("") && tension.getText().toString().equals("") &&
temperature.getText().toString().equals("") && groupe.getCheckedRadioButtonId()!= -1 &&
!txtDate.getText().toString().equals(""))
            {
                Toast.makeText(Suivi_Journalier.this,"aucune donnée n'a été trouvé pour cette
date",Toast.LENGTH_LONG).show();
            }



        }
    });



}
    @Override
    protected Dialog onCreateDialog(int id)
```

```java
    {
        switch (id){
           case DATE_DIALOG_ID:

                Calendar c =Calendar.getInstance();
                int year = c.get(Calendar.YEAR);
                int month = c.get(Calendar.MONTH);
                int day = c.get(Calendar.DAY_OF_MONTH);

                return new DatePickerDialog(this, datePickerlistener, year,month,day);


        }
        return null;
    }

    private DatePickerDialog.OnDateSetListener datePickerlistener = new
DatePickerDialog.OnDateSetListener(){

        public void onDateSet(DatePicker view , int syear,int smonth , int sday)
        {
            String jour , mois , annee,complet;
            txtDate= (EditText)findViewById(R.id.txtdate);
            jour = String.valueOf(sday);
            mois = String.valueOf(smonth+1);
            annee=String.valueOf(syear);
            complet = jour+"/"+mois+"/"+annee;
            txtDate.setText(complet);


        }
    };

    };
```