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|  |  |
|  | import android.app.Activity; |
|  | import android.bluetooth.BluetoothAdapter; |
|  | import android.bluetooth.BluetoothDevice; |
|  | import android.content.BroadcastReceiver; |
|  | import android.content.Context; |
|  | import android.content.Intent; |
|  | import android.content.IntentFilter; |
|  | import android.os.Bundle; |
|  | import android.support.v7.app.AppCompatActivity; |
|  | import android.view.Menu; |
|  | import android.view.MenuItem; |
|  | import android.view.View; |
|  | import android.widget.AdapterView; |
|  | import android.widget.ArrayAdapter; |
|  | import android.widget.Button; |
|  | import android.widget.ListView; |
|  | import android.widget.TextView; |
|  | import java.util.Set; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  |  |
|  | private TextView tDisp; |
|  | private Button bControlar = null; |
|  | private ArrayAdapter devicesArrayAdapter = null; |
|  |  |
|  | private boolean itemSeleccionado; |
|  | private String direccionMAC = null; |
|  | private BluetoothAdapter btAdapter = null; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  | bControlar = (Button) findViewById(R.id.bControlar); |
|  |  |
|  | this.btAdapter = BluetoothAdapter.getDefaultAdapter(); |
|  | } |
|  |  |
|  | @Override |
|  | protected void onResume(){ |
|  | super.onResume(); |
|  |  |
|  | this.itemSeleccionado = false; |
|  |  |
|  | if(this.btAdapter == null){ |
|  | UIControl.crearToast(getApplicationContext(), "Telefono no compatible con BT"); |
|  | finish(); |
|  | }else{ |
|  | registerReceiver(mReceiver, new IntentFilter(BluetoothAdapter.ACTION\_STATE\_CHANGED));//////////////////////// |
|  | if(!this.btAdapter.isEnabled()){ |
|  | Intent enableBtIntent = new Intent(BluetoothAdapter.ACTION\_REQUEST\_ENABLE); |
|  | startActivityForResult(enableBtIntent, 1); |
|  | } |
|  | } |
|  |  |
|  | tDisp = (TextView) findViewById(R.id.tConectando); |
|  | tDisp.setText(" "); |
|  |  |
|  | devicesArrayAdapter = new ArrayAdapter(this, R.layout.device\_name); |
|  | ListView pairedListView = (ListView) findViewById(R.id.paired\_devices); |
|  | pairedListView.setAdapter(devicesArrayAdapter); |
|  | pairedListView.setOnItemClickListener(deviceClickListener); |
|  |  |
|  | Set<BluetoothDevice> pairedDevices = this.btAdapter.getBondedDevices(); |
|  |  |
|  | if (pairedDevices.size() > 0) { |
|  | for (BluetoothDevice device : pairedDevices) { |
|  | devicesArrayAdapter.add(device.getName() + "\n" + device.getAddress()); |
|  | } |
|  | } else { |
|  | String noDevices = "Ningun dispositivo pudo ser emparejado"; |
|  | devicesArrayAdapter.add(noDevices); |
|  | } |
|  | } |
|  |  |
|  | private AdapterView.OnItemClickListener deviceClickListener = new AdapterView.OnItemClickListener() { |
|  | public void onItemClick(AdapterView av, View v, int arg2, long arg3) { |
|  | itemSeleccionado = true; |
|  | direccionMAC = ((TextView) v).getText().toString(); |
|  | tDisp.setText("Conectará a:\n"+direccionMAC); |
|  | } |
|  | }; |
|  |  |
|  |  |
|  | /\*\* Llamado cuando se usa el boton Controlar Manualmente \*/ |
|  |  |
|  | public void controlarManualmente(View view) { |
|  | if(itemSeleccionado){ |
|  | itemSeleccionado = false; |
|  | Intent intent = new Intent(this, ControlManual.class); |
|  | intent.putExtra("conexion", direccionMAC); |
|  | startActivity(intent); |
|  | } |
|  | else{ UIControl.crearToast(getApplicationContext(), "No hay dispositivo seleccionado."); } |
|  | } |
|  |  |
|  | public final BroadcastReceiver mReceiver = new BroadcastReceiver() { |
|  | public void onReceive (Context context, Intent intent) { |
|  | String action = intent.getAction(); |
|  | if (BluetoothAdapter.ACTION\_STATE\_CHANGED.equals(action)) { |
|  | if(intent.getIntExtra(BluetoothAdapter.EXTRA\_STATE, -1) == BluetoothAdapter.STATE\_OFF){ |
|  | Intent enableBtIntent = new Intent(BluetoothAdapter.ACTION\_REQUEST\_ENABLE); |
|  | startActivityForResult(enableBtIntent, 1); |
|  | } |
|  | } |
|  | } |
|  | }; |
|  |  |
|  | @Override |
|  | protected void onActivityResult(int requestCode, int resultCode, Intent data) { |
|  | if (requestCode == 1) |
|  | if (resultCode == Activity.RESULT\_CANCELED) |
|  | finish(); |
|  | } |
|  |  |
|  | /\*\* |
|  | \* Crea el menu de Ayuda |
|  | \*/ |
|  | @Override |
|  | public boolean onCreateOptionsMenu(Menu menu) { |
|  | getMenuInflater().inflate(R.menu.ayuda, menu); |
|  | return true; |
|  | } |
|  | /\*\* |
|  | \* Inicia el Menu de Ayuda |
|  | \*/ |
|  | @Override |
|  | public boolean onOptionsItemSelected(MenuItem item) { |
|  | switch (item.getItemId()) { |
|  | case R.id.ayuda: |
|  | Intent intent = new Intent(this, Ayuda.class); |
|  | startActivity(intent); |
|  | return true; |
|  | default: |
|  | return super.onOptionsItemSelected(item); |
|  | } |
|  | } |
|  | } |