

Correction TP09

Matière : ATELIER DEVELOPPEMENT MOBILE

Classes : SEM21

Connexion

```
package com.connexion;
import android.app.Activity;
import android.content.Context;
import android.content.SharedPreferences;
import android.content.SharedPreferences.Editor;
import android.os.Bundle;
import android.preference.PreferenceManager;
import android.view.Gravity;
import android.view.View;
import android.view.View.OnClickListener;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class MainActivity extends Activity {
    private EditText edUtilisateur;
    private EditText edPass;
    private Button btnValider;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        init();
    }
    private void init() {
        edUtilisateur = (EditText) findViewById(R.id.edUtilisateur);
        edPass = (EditText) findViewById(R.id.edPass);
        btnValider = (Button) findViewById(R.id.btnValider);
        ajouterEcouleur();
        recuperer();
    }
    private void recuperer() {
        //SharedPreferences p=PreferenceManager.getDefaultSharedPreferences(
        //                                                                    getApplicationContext());
        SharedPreferences p=getSharedPreferences("conn", Context.MODE_PRIVATE );
        String utilisateur = p.getString("utilisateur", null);
        if(utilisateur!=null){
            edUtilisateur.setText(utilisateur);
            edPass.requestFocus();
        }
    }
}
```

```

private void ajouterEcouteur() {
    btnValider.setOnClickListener(new OnClickListener() {

        @Override
        public void onClick(View v) {
            valider();
        }
    });
}

protected void valider() {
    String utilisateur = edUtilisateur.getText().toString();
    if (!utilisateur.isEmpty()) {
        String pass = edPass.getText().toString();
        if (utilisateur.equals(pass)) {
            enregistrer();
            Toast t = Toast.makeText(getApplicationContext(),
                "Connexion avec succès", Toast.LENGTH_LONG);
            t.setGravity(Gravity.TOP, 0, 200);
            t.show();
        } else {
            Toast t = Toast.makeText(getApplicationContext(),
                "Echec de connexion", Toast.LENGTH_LONG);
            t.setGravity(Gravity.TOP, 0, 200);
            t.show();
        }
    } else {
        Toast t = Toast.makeText(getApplicationContext(),
            "Taper un utilisateur SVP!", Toast.LENGTH_LONG);
        t.setGravity(Gravity.TOP, 0, 200);
        t.show();
    }
}

private void enregistrer() {
    //SharedPreferences p=PreferenceManager.getDefaultSharedPreferences(
    //                                getApplicationContext());
    SharedPreferences p=getSharedPreferences("conn", Context.MODE_PRIVATE );
    Editor ed= p.edit();
    ed.putString("utilisateur", edUtilisateur.getText().toString());
    ed.commit();
}
}

```

Paramétrage

```
package com.param;
import android.app.Activity;
import android.content.Context;
import android.content.SharedPreferences;
import android.content.SharedPreferences.Editor;
import android.os.Bundle;
import android.view.*;
import android.view.View.OnClickListener;
import android.widget.*;

public class MainActivity extends Activity {
    public static final String PROTOCOLE = "http";
    public static final String SERVEUR = "10.0.2.2";
    public static final String PORT = "80";
    public static final String PAGE = "index.html";
    private EditText edProtocole;
    private EditText edServeur;
    private EditText edPort;
    private EditText edPage;
    private Button btnEnregistrer;
    private Button btnAfficher;
    private Button btnEffacer;
    private Button btnParamUsine;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        init();
    }
    private void init() {
        edProtocole = (EditText) findViewById(R.id.edProtocole);
        edServeur = (EditText) findViewById(R.id.edServeur);
        edPort = (EditText) findViewById(R.id.edPort);
        edPage = (EditText) findViewById(R.id.edPage);
        btnEnregistrer = (Button) findViewById(R.id.btnEnregistrer);
        btnAfficher = (Button) findViewById(R.id.btnAfficher);
        btnEffacer = (Button) findViewById(R.id.btnEffacer);
        btnParamUsine = (Button) findViewById(R.id.btnParamUsine);
        ajouterEcouteur();
        recuperer();
    }
    private void recuperer() {
        SharedPreferences p = getSharedPreferences("params",
            Context.MODE_PRIVATE );
        edProtocole.setText(p.getString("protocole", ""));
        edServeur.setText(p.getString("serveur", ""));
        edPort.setText(p.getString("port", ""));
        edPage.setText(p.getString("page", ""));
    }
    private void ajouterEcouteur() {
        btnEnregistrer.setOnClickListener(new OnClickListener() {
            @Override
            public void onClick(View arg0) {
                enregistrer();
            }
        });
    }
}
```

```

    }
});
btnAfficher.setOnClickListener(new OnClickListener() {
    @Override
    public void onClick(View arg0) {
        afficher();
    }
});
btnEffacer.setOnClickListener(new OnClickListener() {
    @Override
    public void onClick(View arg0) {
        effacer();
    }
});
btnParamUsine.setOnClickListener(new OnClickListener() {
    @Override
    public void onClick(View arg0) {
        resetParamUsine();
    }
});
}

protected void enregistrer() {
    SharedPreferences p = getSharedPreferences("params",
        Context.MODE_PRIVATE );
    Editor ed = p.edit();
    ed.putString("protocole", edProtocole.getText().toString());
    ed.putString("serveur", edServeur.getText().toString());
    ed.putString("port", edPort.getText().toString());
    ed.putString("page", edPage.getText().toString());
    ed.commit();
}

protected void afficher() {
    String adresse = edProtocole.getText().toString()+"://"
        + edServeur.getText().toString()+":"
        + edPort.getText().toString()+"/"
        + edPage.getText().toString();
    Toast t = Toast.makeText(this, adresse, Toast.LENGTH_LONG);
    t.setGravity(Gravity.BOTTOM, 0, 0);
    t.show();
}

protected void effacer() {
    edProtocole.setText("");
    edServeur.setText("");
    edPort.setText("");
    edPage.setText("");
}

protected void resetParamUsine() {
    edProtocole.setText(PROTOCOLE);
    edServeur.setText(SERVEUR);
    edPort.setText(PORT);
    edPage.setText(PAGE);
}
}
}

```

ProfilTel

```
package com.profil;
//imports
public class MainActivity extends Activity {
    public Spinner spSonAppel;
    public CheckBox checkVibAppel;
    public SeekBar seekVolAppel;
    public Spinner spSonMessage;
    public CheckBox checkVibMessage;
    public SeekBar seekVolMessage;
    public RadioGroup rdgSonClavier;
    public RadioButton rdBip;
    public RadioButton rdMuet;
    public Button btnEnregistrer;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        init();
    }
    private void init() {
        spSonAppel = (Spinner) findViewById(R.id.spSonAppel);
        checkVibAppel = (CheckBox) findViewById(R.id.checkVibAppel);
        seekVolAppel = (SeekBar) findViewById(R.id.seekVolAppel);
        spSonMessage = (Spinner) findViewById(R.id.spSonMessage);
        checkVibMessage = (CheckBox) findViewById(R.id.checkVibMessage);
        seekVolMessage = (SeekBar) findViewById(R.id.seekVolMessage);
        rdgSonClavier = (RadioGroup) findViewById(R.id.rdgSonClavier);
        rdBip = (RadioButton) findViewById(R.id.rdBip);
        rdMuet = (RadioButton) findViewById(R.id.rdMuet);
        btnEnregistrer = (Button) findViewById(R.id.btnEnregistrer);
        recuperer();
        ajouterEcouteurs();
    }
    private void ajouterEcouteurs() {
        btnEnregistrer.setOnClickListener(new OnClickListener() {
            @Override
            public void onClick(View arg0) {
                enregistrer();
            }
        });
    }
    private void recuperer() {
        SharedPreferences p = getSharedPreferences("profil", Context.MODE_PRIVATE);
        spSonAppel.setSelection(p.getInt("SonAppel", 0));
        checkVibAppel.setChecked(p.getBoolean("VibAppel", true));
        seekVolAppel.setProgress(p.getInt("VolAppel", 0));
        spSonMessage.setSelection(p.getInt("SonMessage", 0));
        checkVibMessage.setChecked(p.getBoolean("VibMessage", true));
        seekVolMessage.setProgress(p.getInt("VolMessage", 0));

        if (p.getString("SonClavier", "Muet").equals("Muet"))
            rdgSonClavier.check(R.id.rdMuet);
        else
            rdgSonClavier.check(R.id.rdBip);
    }
}
```

```

protected void enregistrer() {
    SharedPreferences p = getSharedPreferences("profil", Context.MODE_PRIVATE);
    Editor ed = p.edit();
    ed.putInt("SonAppel", spSonAppel.getSelectedItemPosition());
    ed.putBoolean("VibAppel", checkVibAppel.isChecked());
    ed.putInt("VolAppel", seekVolAppel.getProgress());
    ed.putInt("SonMessage", spSonMessage.getSelectedItemPosition());
    ed.putBoolean("VibMessage", checkVibMessage.isChecked());
    ed.putInt("VolMessage", seekVolMessage.getProgress());

    switch (rdgSonClavier.getCheckedRadioButtonId()) {
    case R.id.rdMuet:
        ed.putString("SonClavier", "Muet");
        break;
    case R.id.rdBip:
        ed.putString("SonClavier", "Bip");
        break;
    }
    ed.commit();
}
}

```