

How_to_get_Location_Using_Location_API_JSR_179

/*

- This Midlet is for getting the lat, lon and country info.

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```
import javax.microedition.midlet.*;
import javax.microedition.lcdui.*;
import javax.microedition.location.*;
import javax.microedition.io.*;
import java.io.*;

public class LocationMidlet extends MIDlet implements CommandListener {

    Command Exit = new Command("Exit",Command.EXIT,0);
    private StringItem location = new StringItem("\n Location:", "");
    public QualifiedCoordinates qc;
    public LocationMidlet() { }

    public void startApp() {
        Form f=new Form("Location Demo");
        f.append("Finding for location...\n");

        f.addCommand(Exit);
        f.setCommandListener(this);
        Display.getDisplay(this).setCurrent(f);
        try {
            Criteria c=new Criteria();
            c.setHorizontalAccuracy(500);
            c.setVerticalAccuracy(500);
            c.setPreferredPowerConsumption(Criteria.POWER_USAGE_LOW);
            LocationProvider lp=LocationProvider.getInstance(c);
            Location loc=lp.getLocation(60);
            qc=loc.getQualifiedCoordinates();
            AddressInfo adinfo = loc.getAddressInfo();
            String place="";
            if(adinfo!=null)
                place = adinfo.getField(AddressInfo.COUNTRY);
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}
```

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```
f.append("Address: "+place+"\n");
f.append("Alt: "+qc.getAltitude()+"\n");
f.append("Lat: "+qc.getLatitude()+"\n");
f.append("Long: "+qc.getLongitude()+"\n");

} catch(Exception e) {
f.append("Exception: "+e);
}
}

public void pauseApp() {}

public void destroyApp(boolean destroy) {}

public void commandAction(Command c, Displayable s) {
if (c == Exit) {
destroyApp(true);
notifyDestroyed();
}
}

}
```