

Mobile Application Development with Android

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2010-04-26

Application Development - Walkthrough



3G 10:19 AM

Panoramio

Griebnitzsee
Babelsberg
Filmpark Babelsberg
Google

Search Panoramio

3G 10:20 AM

Panoramio

	Babelsberger Filmstudios uscha
	Ortseingang Steinstücke Patrick1977Bln
	Statue film HEBRARD
	Filmpark Babelsberg 20.04.2007 Scott7777

Application Development - Walkthrough



3G 10:20 AM

Panoramio

STUDIO BABELSBERG

Babelsberger Filmstudios
uscha

Map View on web

A screenshot of a mobile application interface for Panoramio. At the top, there are signal strength and battery icons. The time is 10:20 AM. Below the header, the word "Panoramio" is displayed. The main content area shows a photograph of a building entrance with a sign that reads "STUDIO BABELSBERG". Below the photo, the caption "Babelsberger Filmstudios uscha" is shown. At the bottom of the screen are two buttons: "Map" and "View on web".

3G 10:22 AM

www.panoramio.com: Panoramio - P...

Panorar

Sign up | Upload

World Map

Babelsber

Twitter See

Eisen/Jann GmbH

Büro für deutsche Vermögensberatung Matthias Lubk Finanzdienstleistung

strobol Rechtsanwälte

Landessozialgericht Berlin-Brandenburg

Studio Babelsberg AG Filmstudios

UFA-Fernsehproduktion GmbH

Dian...

Straße

- +

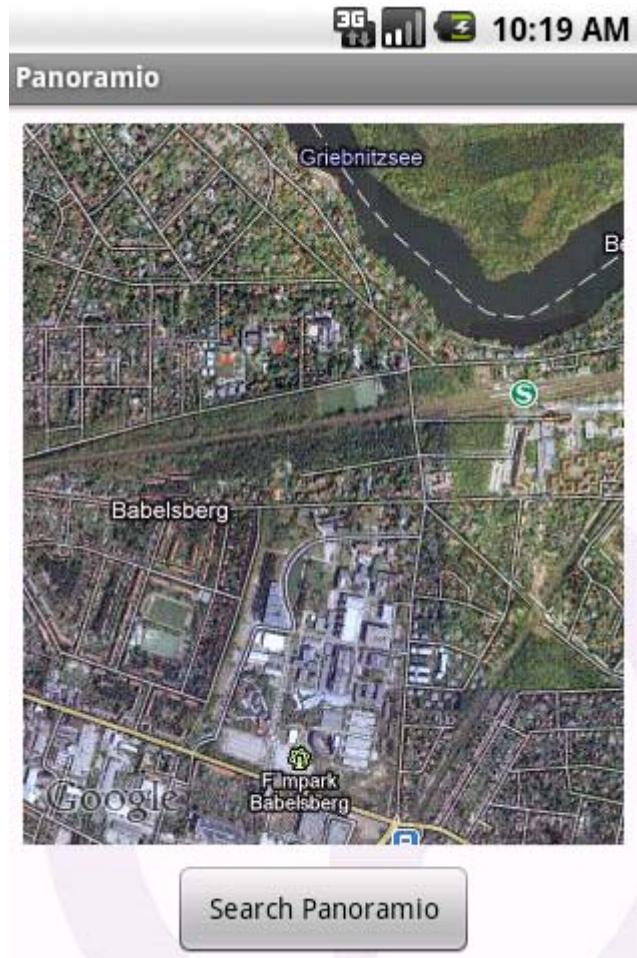
A screenshot of a mobile application interface for Panoramio. At the top, there are signal strength and battery icons. The time is 10:22 AM. Below the header, the URL "www.panoramio.com: Panoramio - P..." is shown. The main content area features a "Panorar" logo and links for "Sign up" and "Upload". Below that is a "World Map" button. The main view is a satellite map of an area labeled "Babelsber". Several buildings are labeled with their names: "Eisen/Jann GmbH", "Büro für deutsche Vermögensberatung Matthias Lubk Finanzdienstleistung", "strobol Rechtsanwälte", "Landessozialgericht Berlin-Brandenburg", "Studio Babelsberg AG Filmstudios", and "UFA-Fernsehproduktion GmbH". A zoom control at the bottom right includes minus and plus signs. At the very bottom, there is a navigation bar with icons for "Home", "Search", "Upload", "Sign up", and "Logout".

Map API Key & GPS



- Add Google APIs to AVD
- [Google Tutorial](#)
 - **keytool**
 - list
 - alias androiddebugkey
 - keystore ~/.android/debug.keystore
 - storepass android
 - keypass android
- GPS
 - telnet localhost 5554
 - geo fix 13.131752 52.394773 (*HPI, Potsdam*)
 - geo fix 37.620878 55.753794 (*Red Square, Moscow*)

Application Development - Walkthrough



```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    >
    <FrameLayout
        android:layout_width="fill_parent"
        android:layout_height="0dip"
        android:layout_weight="1"
        android:padding="10dip">
        <com.google.android.maps.MapView
            android:id="@+id/mapview"
            android:layout_width="fill_parent"
            android:layout_height="fill_parent"
            android:enabled="true"
            android:clickable="true"
            android:apiKey="your_map_api_key" />
    </FrameLayout>
    <Button
        android:id="@+id/go"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center_horizontal"
        android:text="@string/go"
        android:minWidth="150dip"
        android:layout_marginBottom="2dip" />
</LinearLayout>
```

DEMO



- [Android Developers Blog: Panoramio](#)