

Contribution: VLC for Android

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About the organization

A project and a non-profit organization, composed of volunteers, developing and promoting free, open-source multimedia solutions.

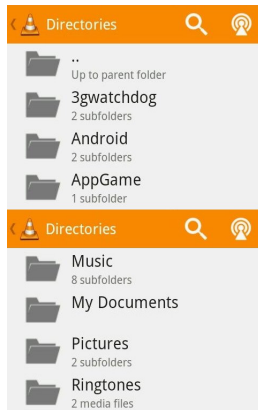
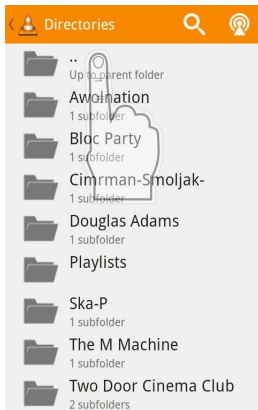
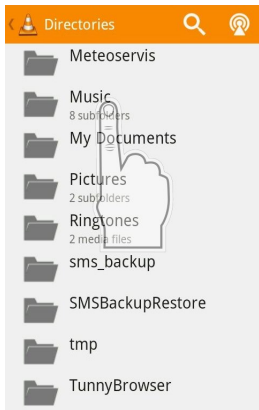
Main projects

- VLC Media Player (desktop, mobile versions...)
- VLMC (media center)
- DVBlaster (streaming application)
- x264 (video convertor)

Well so what will I do?

Bug #9727 from bugtracer

VLC for Android does not save current position in folder mode.



Involved classes

- `DirectoryAdapter` (474 lines)
- `DirectoryViewFragment` (215 lines)

Both classes are quiet messy without any defined order. At first I thought that the bug could not be easily resolved.

Elegant solution

A method `browse(String directoryName)` now returns an integer instead of just a boolean. The integer represents position in a newly created list to which a view should be set or -1 if the opening was not successfull.

Statistics

- Lines removed: 14
- Lines added: 38
- Attempts to submit: 3

```

diff --git a/vlc-android/src/org/videolan/vlc/gui/DirectoryAdapter.java b/vlc-android/src/org/videolan/vlc/gui/DirectoryAdapter.java
index c162d1..3556b0 2008-08 (111)
--- a/vlc-android/src/org/videolan/vlc/gui/DirectoryAdapter.java
+++ b/vlc-android/src/org/videolan/vlc/gui/DirectoryAdapter.java
@@ -25,9 +25,7 @@
import java.net.URI;
import java.net.URISyntaxException;
import java.util.Collections;
import java.util.List;
import java.util.regex.Pattern;

import org.videolan.libvlc.LibVLC;

-@308,8 +308,10 @ public class DirectoryAdapter extends BaseAdapter {
+@308,8 +308,10 @ public class DirectoryAdapter extends BaseAdapter {
    return false;
}

public DirectoryAdapter(Node sourceNode,String s0 {
for(DirectoryAdapter.Node n : this.children) {
if(!n.isSelectable(), n) return n;
}
}

-@311,13 +305,23 @ public class DirectoryAdapter extends BaseAdapter {
+@311,13 +305,23 @ public class DirectoryAdapter extends BaseAdapter {
    return v;
}

-@ public boolean browse(int position) {
+@ public boolean browse(int position) {
    DirectoryAdapter.Node selectedNode = mCurrentNode.children.get(position);
    if(selectedNode.isSelectable()) return false;
    return browse(selectedNode.name);
}

-@ public boolean browse(String directoryName) {
+@ public boolean browse(String directoryName) {
    if (this.mCurrentDir == null) {
// We're on the storage list
String storage[] = URI.getMediaUris(directoryName);
}
} catch(URISyntaxException e) {
Log.e(TAG, "URISyntaxException in browse()", e);
} catch(NullPointerException e) {
Log.e(TAG, "NullPointerException in browse()", e);
return false;
}
}

Log.d(TAG, "Browsing to " + this.mCurrentDir);

-@ if(DirectoryName.equals("-"))
+@ if(DirectoryName.equals("-"))
    this.mCurrentNode = this.mCurrentNode.parent;
else {
this.mCurrentNode = this.mCurrentNode.getChildNode(directoryName);
if(this.mCurrentNode.subDirCount() == 2) {
// Clear the "-" entry
}
}

-@384,7 +428,7 @ public class DirectoryAdapter extends BaseAdapter {
+@384,7 +428,7 @ public class DirectoryAdapter extends BaseAdapter {
    this.notifyDataSetChanged();
return true;
}

public boolean isChildFile(int position) {
return (currentDir.Position == -1) ? : currentDir.Position;
}

public boolean isChildFile(int position) {
}

diff --git a/vlc-android/src/org/videolan/vlc/gui/DirectoryViewFragment.java b/vlc-android/src/org/videolan/vlc/gui/DirectoryViewFragment.java
index a088f9..4302d0 2008-08 (111)
--- a/vlc-android/src/org/videolan/vlc/gui/DirectoryViewFragment.java
+++ b/vlc-android/src/org/videolan/vlc/gui/DirectoryViewFragment.java
@@ -132,18 +132,13 @@
public class DirectoryViewFragment extends SherlockListFragment implements Sherlock
@Override
public void onListItemClick(ListView l, View v, int p, long id {
-@ Boolean success = DirectoryAdapter.browse("");
+@ Boolean success = DirectoryAdapter.browse("");
-@ if(!success) { /* Clicked on a media file */
+@ if(!success) { /* Clicked on a media file */
    openMediaFile(p);
}

public boolean isParentDirectory () {
}

-@385,7 +429,29 @ public class DirectoryViewFragment extends SherlockListFragment implements Sherlock
+@385,7 +429,29 @ public class DirectoryViewFragment extends SherlockListFragment implements Sherlock
    public void showParentDirectory () {
        int success = DirectoryAdapter.browse("-");
        if(!success) {
            setSelection(success);
        }
    }

private void openMediaFile(int p) {
}
}

```

