

Chapter 11

MediaStore Content Provider

- **For Image**

```
String cols[] = {MediaStore.Images.Media.DATA};
c = managedQuery(MediaStore.Images.Media.EXTERNAL_CONTENT_URI,
    cols,null, null, null);
count = c.getCount();
```

- **For Audio**

```
String cols[] = {MediaStore.Audio.Media.DISPLAY_NAME,
MediaStore.Audio.Media.DURATION,
MediaStore.Audio.Media.DATA
};
c = managedQuery(MediaStore.Audio.Media.EXTERNAL_CONTENT_URI, cols,null,null,null);
for (int i=0;i<c.getColumnCount();i++)
    Log.d("col_info", c.getColumnName(i));
count = c.getCount();
```

CallLog Content Provider

```
String cols[] = {CallLog.Calls.NUMBER, CallLog.Calls.TYPE, CallLog.Calls.DURATION };
c = managedQuery(CallLog.Calls.CONTENT_URI, cols, null, null, CallLog.Calls.DURATION + "
desc");
```

UserDictionary Content Provider

```
String[] projection = new String[]{BaseColumns._ID, UserDictionary.Words.WORD};
Cursor cursor = resolver.query(UserDictionary.Words.CONTENT_URI, projection,
    null, null, null);
```

Browser Content Provider

```
String cols[] = {Browser.BookmarkColumns.TITLE,
    Browser.BookmarkColumns.VISITS,
    Browser.BookmarkColumns.BOOKMARK};
Cursor c = managedQuery(Browser.BOOKMARKS_URI, cols, null, null, null);
```

Insert New Contact

```
ContentValues cv = new ContentValues();
cv.put(People.NAME, nm);
u = getContentResolver().insert(People.CONTENT_URI, cv);
pu = Uri.withAppendedPath(u, People.Phones.CONTENT_DIRECTORY);
cv.clear();
cv.put(People.Phones.TYPE, People.TYPE_MOBILE);
cv.put(People.NUMBER, phno);
u = getContentResolver().insert(pu, cv);
```

Update Contact

```
ContentValues cv = new ContentValues();
//cv.put(People.NAME, "mca5a");
cv.put(People.Phones.TYPE, People.TYPE_HOME);
cv.put(People.NUMBER, "89898");
// Cursor c = managedQuery(People.CONTENT_URI, new
String[]{People.NAME}, People.NAME+"=?", new String[]{nm}, null);
//Toast.makeText(getApplicationContext(), c.getCount()+"" , 50).show();
getContentResolver().update(pu, cv, null,null);
```

Delete Contact

```
getContentResolver().delete(People.CONTENT_URI, People.NAME+"=?", new String[]{nm});
////getContentResolver().delete(u, null, null);
```

LiveFolder

```
public static final Uri CONTENT_URI = People.CONTENT_URI;
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);

    final Intent intent = getIntent();
    final String action = intent.getAction();

    if (LiveFolders.ACTION_CREATE_LIVE_FOLDER.equals(action)) {
        setResult(RESULT_OK, createLiveFolder(getApplicationContext(), CONTENT_URI,
            "Contacts", R.drawable.ic_launcher));
    } else {
        setResult(RESULT_CANCELED);
    }

    finish();
}

private static Intent createLiveFolder(Context context, Uri uri, String name, int icon) {
```

```
final Intent intent = new Intent();

intent.setData(uri);
intent.putExtra(LiveFolders.EXTRA_LIVE_FOLDER_NAME, name);
intent.putExtra(LiveFolders.EXTRA_LIVE_FOLDER_ICON,
    Intent.ShortcutIconResource.fromContext(context, icon));
intent.putExtra(LiveFolders.EXTRA_LIVE_FOLDER_DISPLAY_MODE,
LiveFolders.DISPLAY_MODE_LIST);

return intent;
}
```