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## Android Framework with Java

### Linkify

Linkify is a utility class in Android that helps you automatically convert plain text URLs, email addresses, phone numbers, and addresses into clickable links. This functionality is often used in apps that display text content, such as social media apps, messaging apps, and news readers. Automatically converts plain text URLs, email addresses, phone numbers, and addresses into clickable links.

### How to use Linkify

- 1.Import the Linkify class
- 2.Get a reference to the TextView
- 3.Set the text to be linked
4. Apply Linkify

```
txtview = findViewById(R.id.mytextview);  
String url = "https://github.com/aryan1403";  
txtview.setText(url);  
Pattern pattern = Pattern.compile(regex: "Android");  
Linkify.addLinks(txtview, pattern, url);  
mylistView.setAdapter(arr);
```

## SQLite

SQLite is a self-contained, high-reliability, full-featured SQL database engine that is implemented as a C-language library. It's a popular choice for storing and managing data in a variety of applications, from mobile devices to web servers. SQLite is known for its simplicity, flexibility, and reliability.

SQLite is often used in applications that require a local database

```
public class DBHandler extends SQLiteOpenHelper { no usages
    private static final String DB_NAME = "todos"; 1 usage
    private static final String TABLE_NAME= "mytodo"; 2 usages
    private static final String KEY_ID = "id"; 1 usage
    private static final String TODO_NAME = "todo"; 2 usages
    public DBHandler(Context context) { no usages
        super(context, DB_NAME, factory: null, version: 1);
    }
    @Override
    public void onCreate(SQLiteDatabase sqLiteDatabase) {
        String create_table = "CREATE TABLE " + TABLE_NAME + " ( " + KEY_ID + " INTEGER PRIMARY
        sqLiteDatabase.execSQL(create_table);
    }
    @Override no usages
    public void onUpgrade(SQLiteDatabase sqLiteDatabase, int i, int i1) {
        // restart the table sqLiteDatabase.execSQL("DROP TABLE IF EXISTS " + TABLE_NAME);
        onCreate(sqLiteDatabase);
    }
}
```