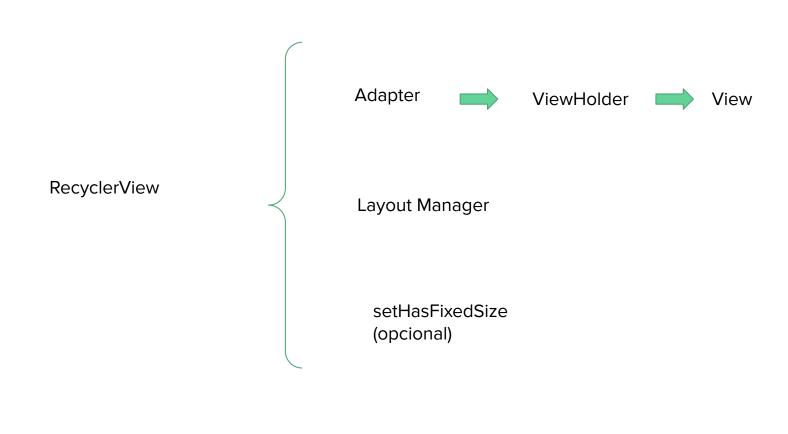
Android Development





LayoutManager

- LinearLayoutManager
- GridLayoutManager
- StaggeredGridLayoutManager

Adapter

```
ViewHolder: RecyclerView.ViewHolder
override fun onCreateViewHolder(parent: ViewGroup, viewType: Int): ViewHolder(
override fun onBindViewHolder(holder: ViewHolder, position: Int) {
override fun getltemCount(): Int {
```

Adapter

- notifyItemInserted
- notifyItemChanged
- notifyItemRemoved
- notifyDataSetChanged
- etc...

Listeners

```
interface TextListener{
  fun onTapText(item: String)
}
The parent should implement the interface to handle adapter events
```

Image Libraries

Glide

https://github.com/bumptech/glide

Picasso

https://square.github.io/picasso/

Coil

https://github.com/coil-kt/coil

Challenge

Create a TODO list

Add (with another screen, using launchers)

Update (mark as done)

An item can have a priority level (HIGH, MEDIUM, etc)