ListView_RecycleView.md 10/12/2019

ListView & RecycleView

- Adapter
 - To use ListView, we need extends/override BaseAdapter
 - To use RecycleView, we need extends/override RecyclerView.Adapter and RecyclerView.ViewHolder
- ViewHolder(ViewModel)
 - ListView has customize ViewHolder and convertView, do null check, if-else
 - RecycleView ViewHolder is pre-defined
- Layout
 - RecyclerView use LayoutManager for multiple layout appearance(Vertical, Horizontal, Grid*2: uniform/Staggered)
 - ListView has vertical layout only
- Item reuse
 - RecyclerView handled item reuse
 - ListView need manually setTag() and getTag()
- EmptyView
 - ListView has setEmptyView()
 - RecycleView need manually check null data
- Header and Footer
 - ListView has addHeaderView() and addFooterView()
 - RecycleView use ViewHolder's Type and View for Header and Footter implementation
- Item refresh
 - ListView has notifyDataSetChanged() for full refresh
 - RecycleView has notifyItemChanged()/notifyDataInserted()/notifyItemMoved()
 for partial refresh
- · Item animation
 - RecycleView API: setItemAnimator() + RecyclerView.ItemAnimator
 - ListView implementat item animation in Adapter
- Item Click
 - ListView has onItemClickListener, onItemLongClickListener, onItemSelectedListener; but normally use getItemId() for identifier instead of position since HeaderView and FooterView take positions

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• RecyclerView API: add0nItemTouchListener() + Gesture Detector; or use customized item click callback

- Item Touch
 - RecycleView has ItemTouchHelper for onMove(), onSwiped():
 ItemTouchHelper.SimpleCallback() + attachToRecyclerView()
- Nested Scrolling
 - RecyclerView has NestedScrollingChild and NestedScrollingParent
 - ListView framework doesn't support