

ViewPager and TabLayout

Chapter Objective

Understand the concept and functionalities of ViewPager.

ViewPager

- Layout manager – user can flip left, right through page of data
- Most use with Fragments
- Tab-like container
 - Widely used, user friendly
 - Horizontal swipe gesture
 - Page by Page scrolling
- No header. Use separated view
- Each tab lead to one fragment.
 - Created by fragment
 - Control by fragment
 - Can be nested
 - Off-screen limit: fragment outside this limit -> destroy -> recreate if necessary
- Adapter: specify what fragment is in what page
- Header for ViewPager
 - A specialized ViewGroup
 - TabLayout
 - PagerSlidingTabStrip