

Code Smell Type: Abuse Object-Oriented

Classes involved: SectionPagerAdapter

Methods involved: getItem()

Description: Using conditional statement (switch) to direct into different code paths.

Solution: Consider using a composite design pattern or decorator design pattern. So, the detailed condition can be moved into lower concrete implementations instead of a higher abstraction.

Code Smell Type: Duplicated Code

Classes involved: ContactList and ItemList

Methods involved: boolean saveContacts(Context context), boolean saveItems(Context context)

Description: Duplicated codes in these two methods

Solution: generalize into higher abstraction and move the duplicated codes to the higher level.