

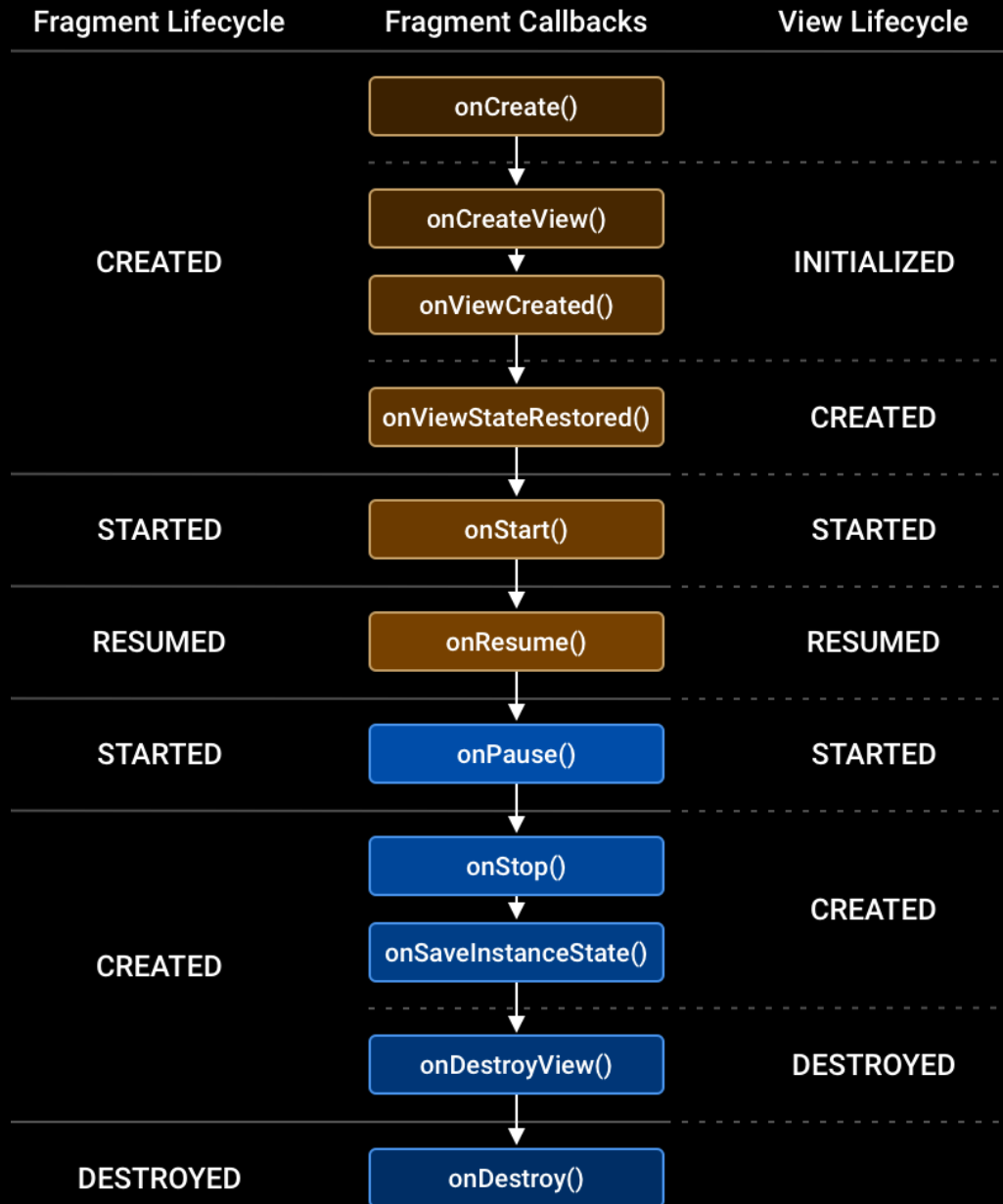


# PROGRAMOWANIE URZĄDZEŃ MOBILNYCH

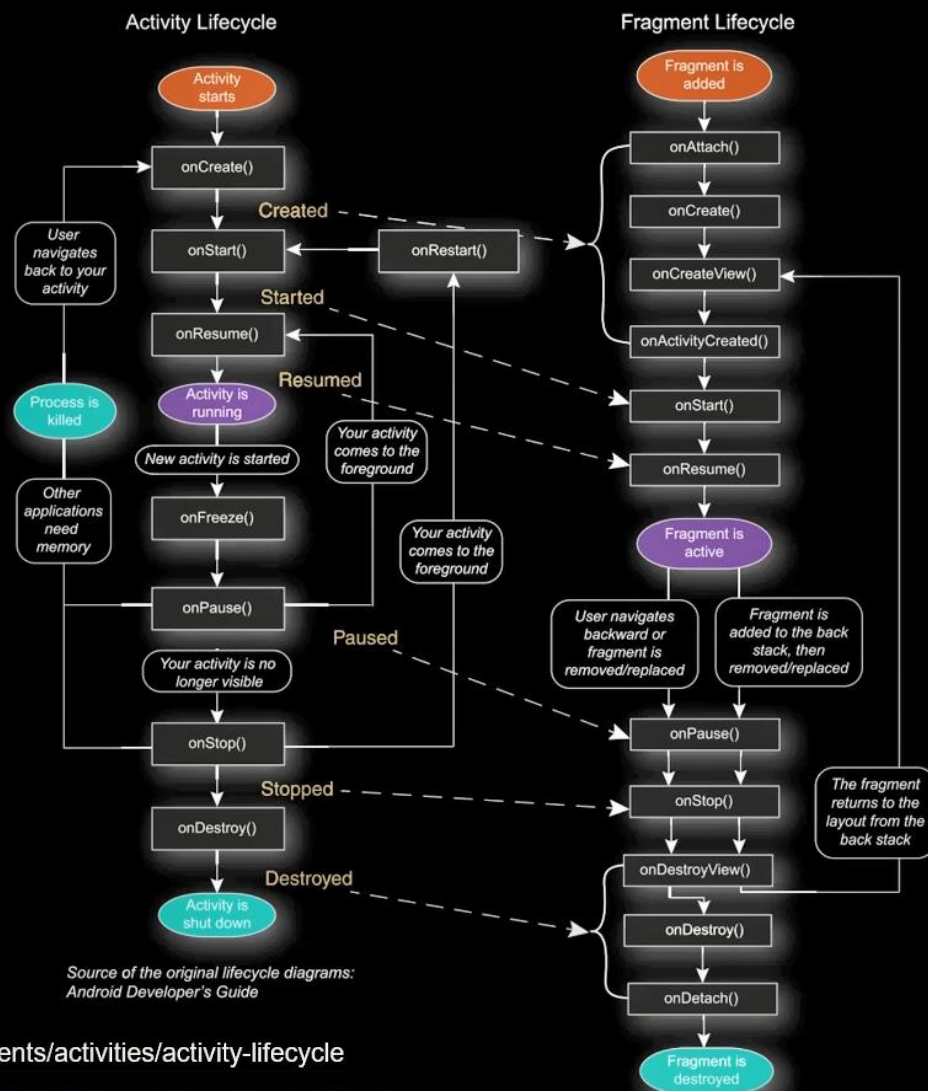
## WYKŁAD 2

- Fragmenty
- Cykl Życia
- Zastosowanie
- FragmentManager
- Transactions

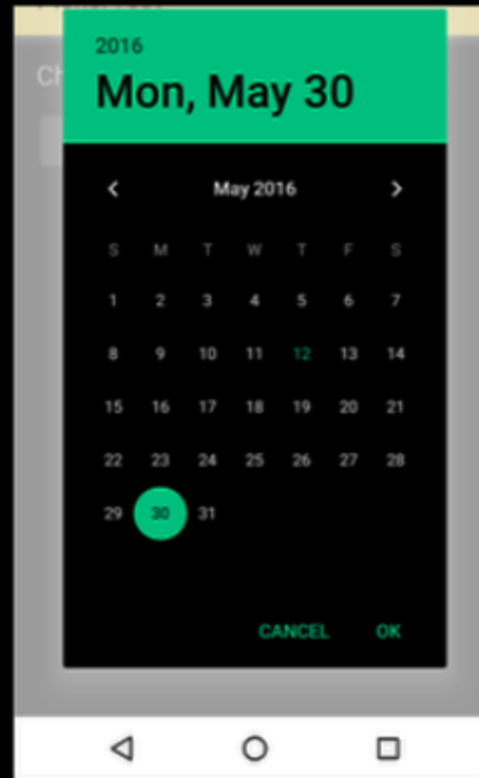
# Fragment

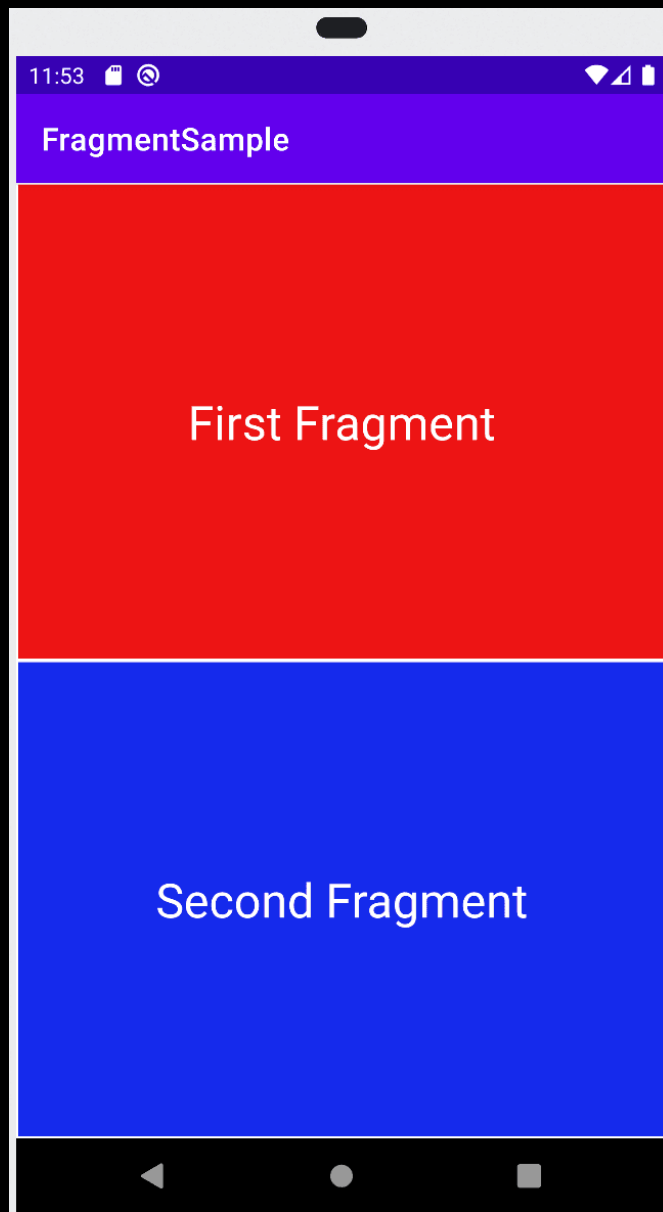


## Komponent wielokrotnego użytku

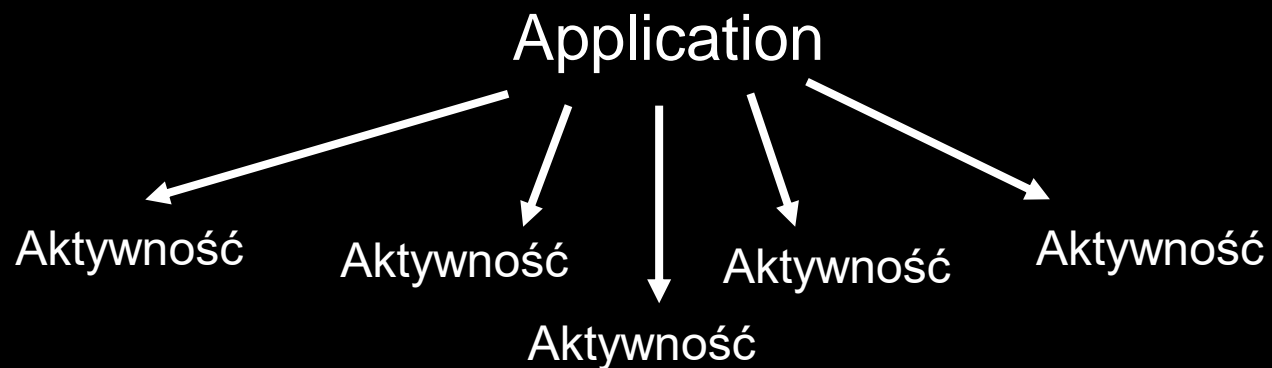


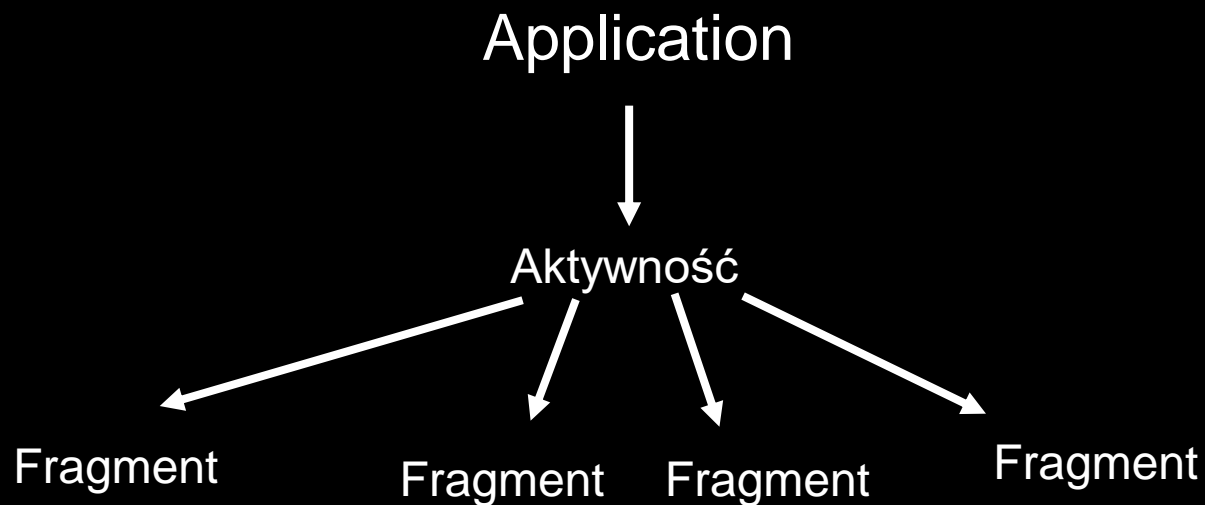
Date and time pickers:  
Extend DialogFragment  
(Fragment subclass)



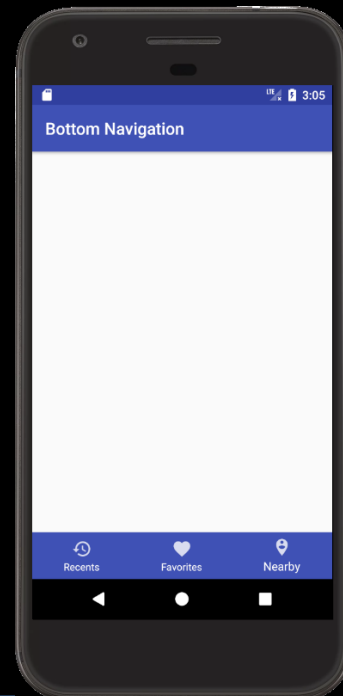
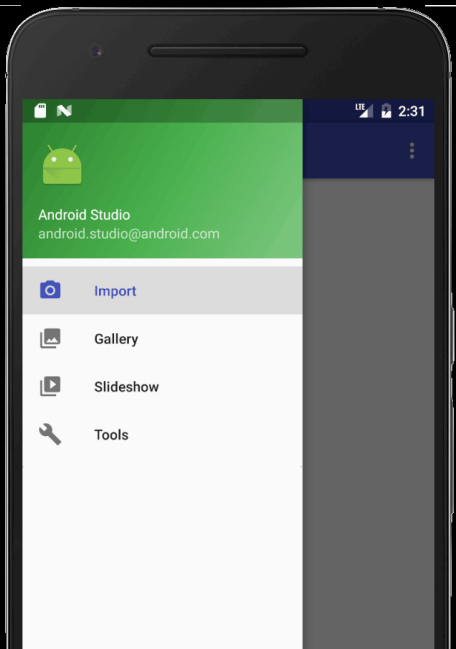
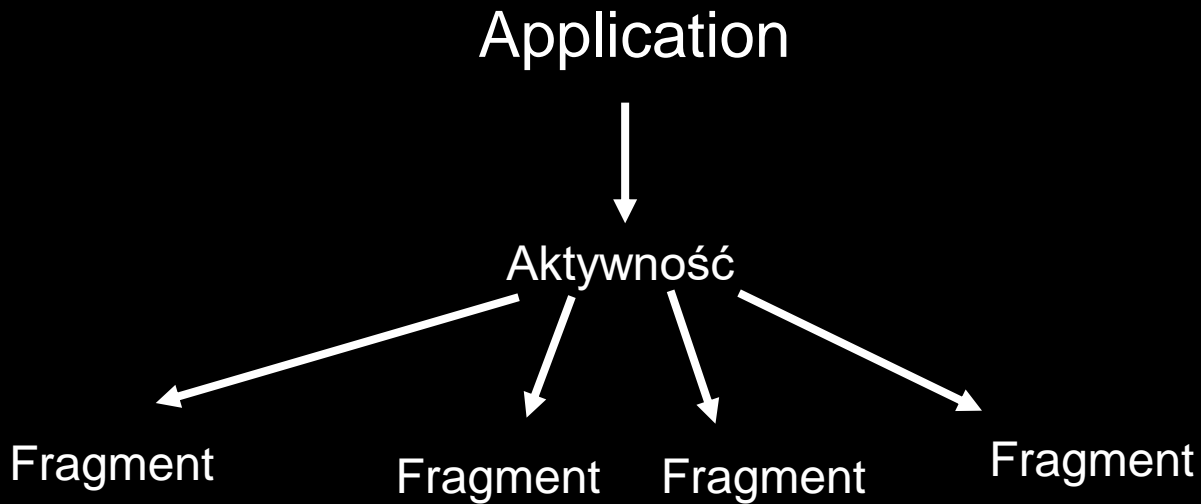


- Fragment statyczny – na ekranie przez cały cykl życia aktywności
- Fragment dynamiczny – dodany i/lub usunięty podczas cyklu życia aktywności
- Można wykorzystać fragment na kilku aktywnościach
- Dodać/usunąć fragment dynamicznie

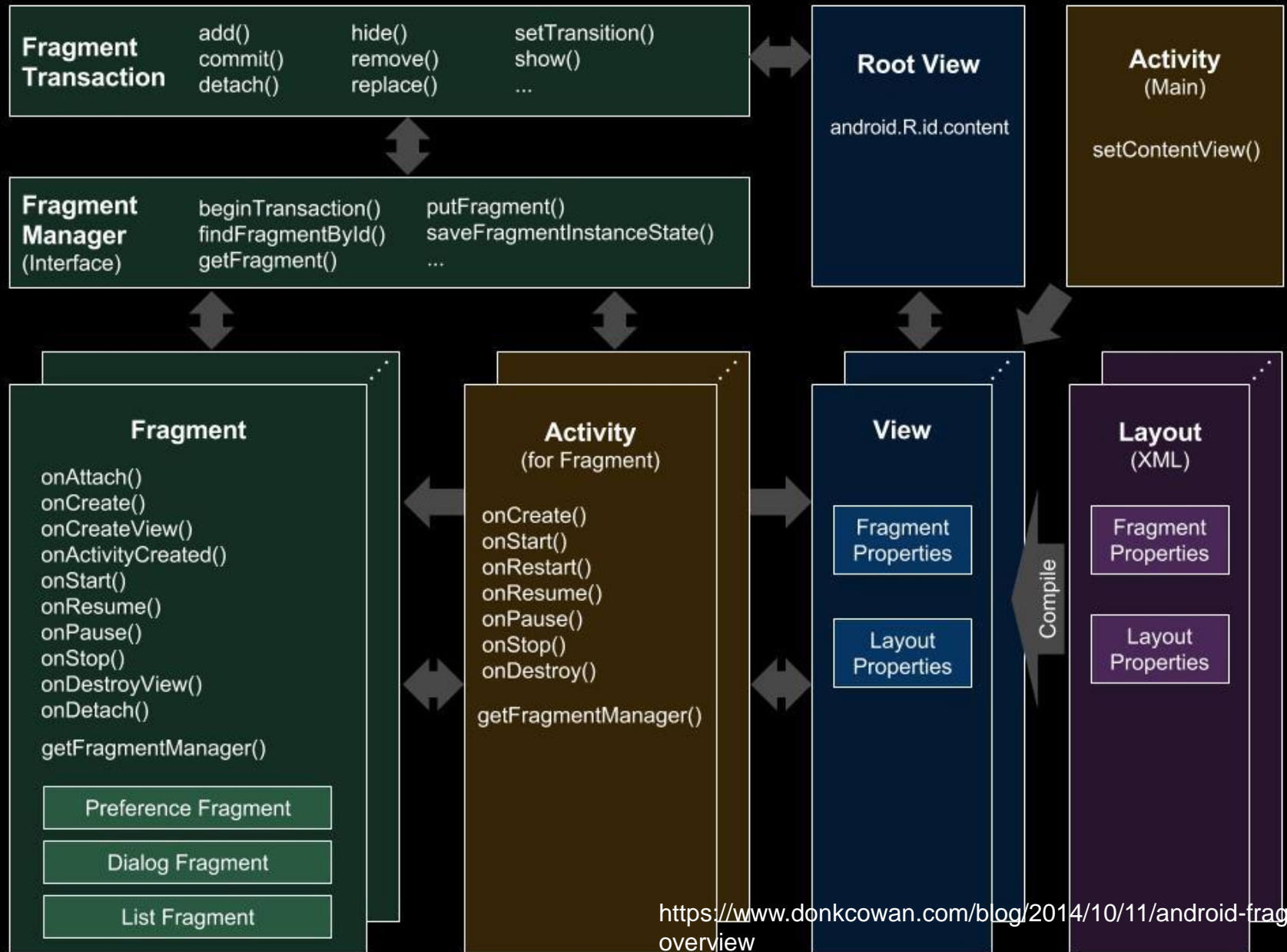


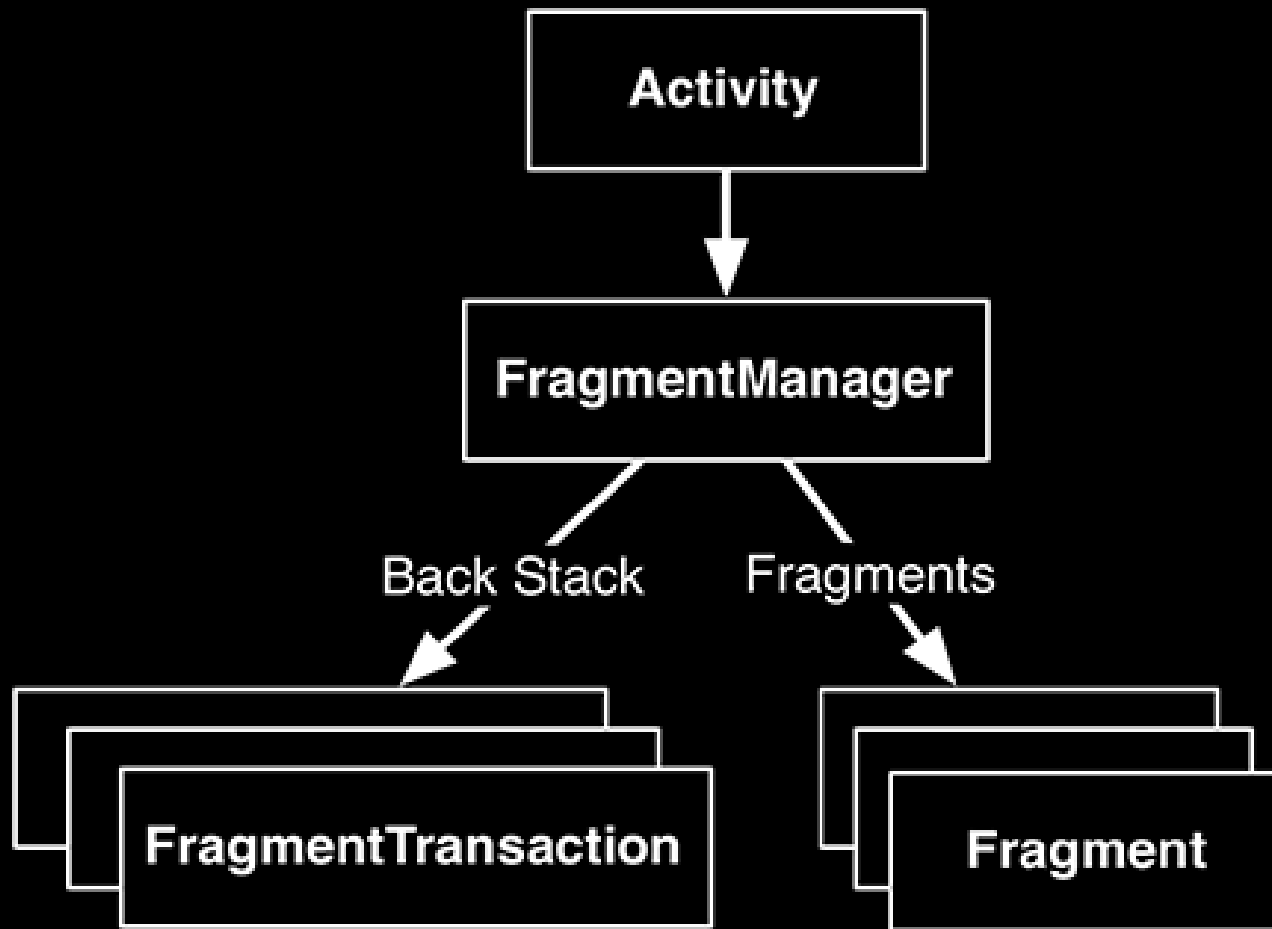






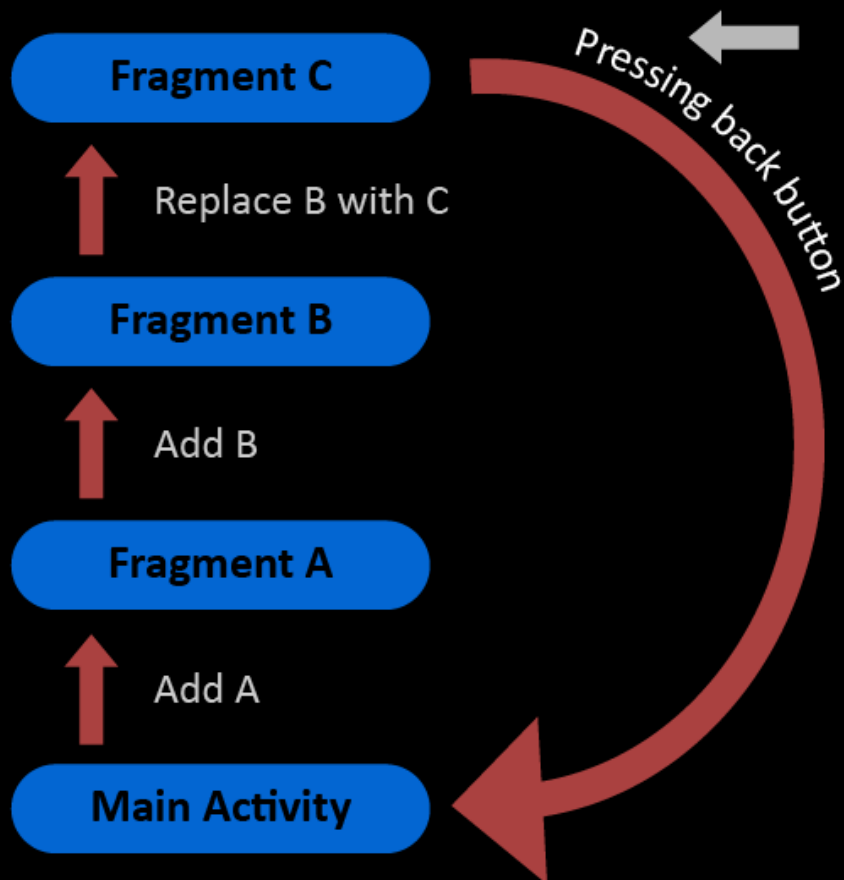
# Fragment





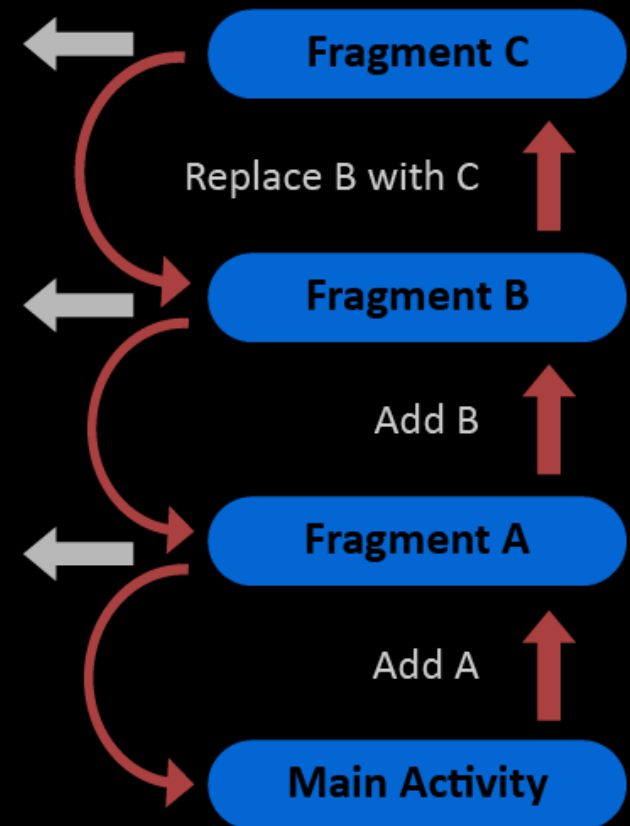
## Fragment Transactions (Without BackStack)

(Without BackStack)

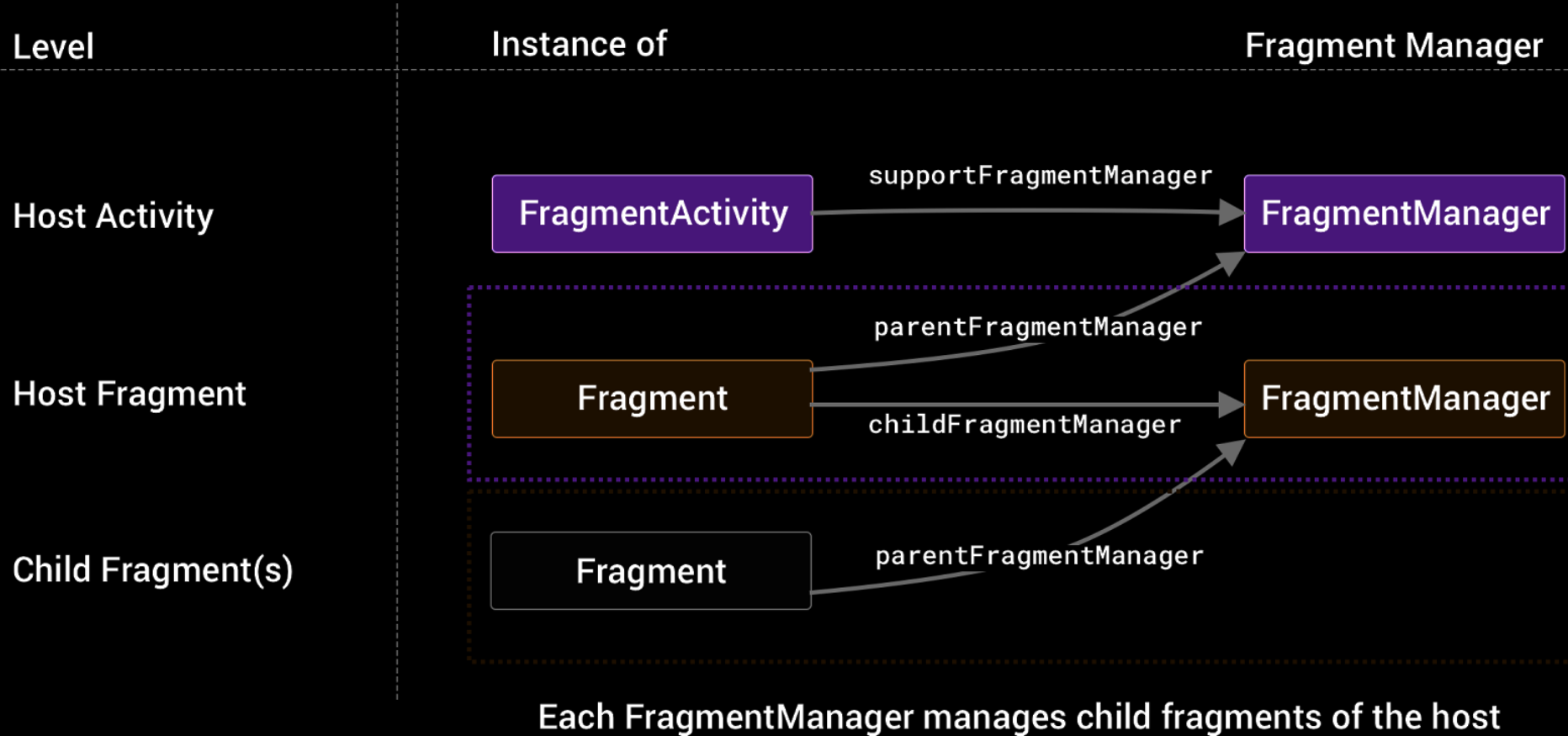


## Fragment Transactions (With BackStack)

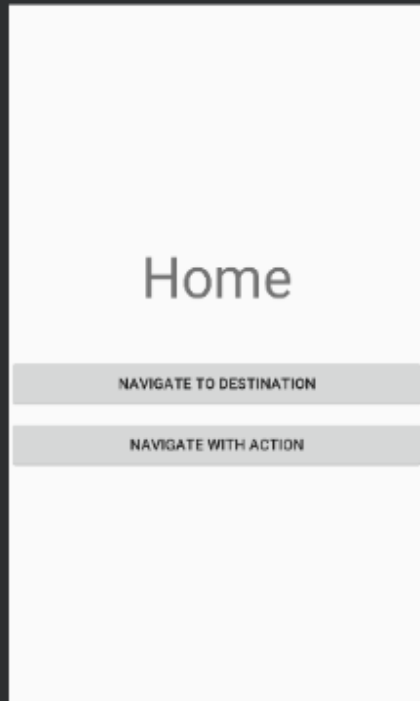
(With BackStack)



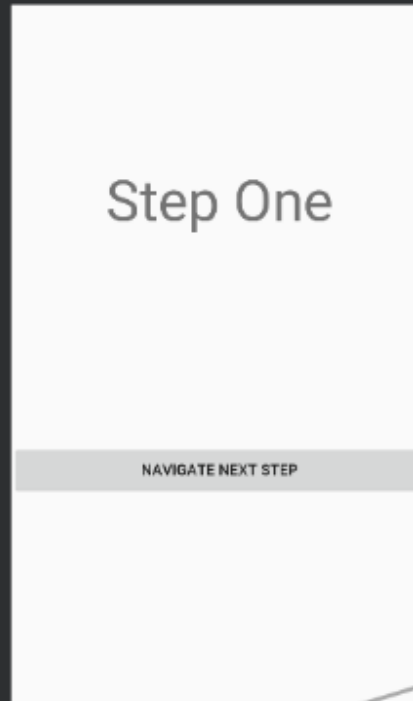
# FragmentManager



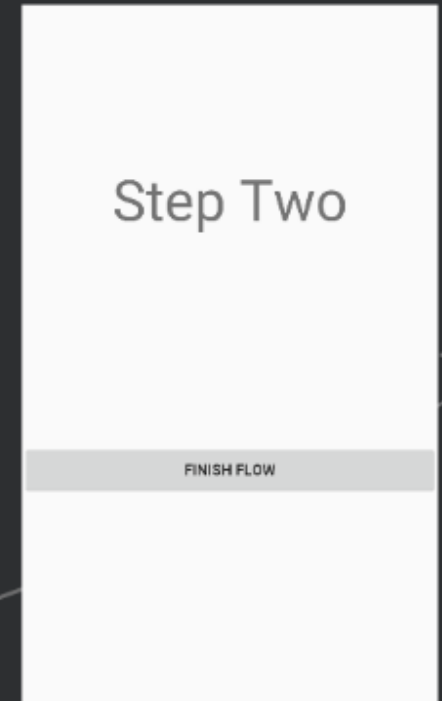
🏠 home\_dest



flow\_step\_one\_dest



flow\_step\_two\_dest



# Jetpack Navigation

