Activity.md 10/14/2019

Activity

LaunchMode

- Standard
 - Default mode
 - Activity will create a new instance and put it into the top of current Stack.
- SingleTop
 - Resuse instance by invoke onNewIntent() if the Activity is exists and it's in the top of the Stack.
 - Eg: news, reads page
- SingleTask
 - Resuse instance by invoke onNewIntent() if the Activity is exists in the Stack. It will removed all other Activity(s) that was on top of it.
 - Eg: browser main page
- SingleInstance
 - Activity will create a new instance and put it into a new Stack, and the instance can be shared by other App (onNewIntent() will be invoked).
 - Eg: treat as "App", alert, reminder app

Exit all active Activity(s)

- Solution 1
 - SingleTop Activity as an entrance, all of Activity(s) above it will be destroyed, then destroy the Activity. Or intent.setFlags(Intent.FLAG_ACTIVITY_CLEAR_TOP)
- Solution 2
 - API 16+: finishAffinity()