Activity.md 7/13/2020

Activity

LaunchMode

- Standard (default)
 - 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
 - Create a new instance and put it into a new Stack, onNewIntent() will be invoked.
 - The instance can be shared by other App
 - Eg: treat as "App", alert, reminder app

Exit all active Activity(s)

- Solution 1
 - o finishAffinity()
 - o API 16+
- Solution 2
 - SingleTop Activity as an entrance with flag Intent.FLAG_ACTIVITY_CLEAR_TOP
 - o Then destroy the Activity.
- Solution 3
 - SingleTask Activity as an entrance, all of Activity(s) above it will be destroyed
 - Then destroy the Activity.