Software Development for Mobile Devices

# Submission for Assignment A4.2P

## Why is the intent messaging facility considered as a late run-time binding between components?

Because Intent object is used to start a new Activity in Android. Therefore, it cannot run during compile time but instead it runs when an Activity creates an Intent and invokes startActivity(). Thereafter, The Android System looks for the intent-filter which best matches the intent to start the matching activity. (1)

## What are the contents of the passive data structure (of an intent)?

## Why is the word “passive” used for the intent data structure?

Because Intent object does not have any threads executing any operations on it. We create it and let the Activity operate it.

## Use an example to better explain the sentence “abstract description of an operation to be performed”.

Example

Intent intent = new Intent(MainActivity.this, NewActivity.class);  
startActivity(intent); //starts the NextActivity

## References

https://developer.android.com/guide/components/intents-filters

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