Praktikum Entwicklung von Mediensystemen (Android)

Wintersemester 2014/15

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Today

- Assignment 01
- Hands-On
  - Multiple Activities
  - Using external Libraries
  - Creating a custom ListView
- Assignment 02
Android Parts

Activity

http://developer.android.com/training/basics/activity-lifecycle/starting.html
Intent & IntentFilter

- Intent is used to indicate desire to perform action
  - Make a call
  - Start an Activity

- IntentFilter automatically registers for Intents that can be handled
  - React to URLs
  - Default startup activity
Design Pattern

ActionBar
Command and control center

NavigationDrawer
Navigation options, overlaying the content area

Content Area
App content

http://developer.android.com/design/get-started/ui-overview.html#app
Design Pattern

ActionBar

App Icon
Customize to make it your own

Action Buttons
The most important actions at your fingertip

View Control
Toggle between different data views

Action Overflow
Infrequently used items are grouped and hidden

http://developer.android.com/design/patterns/actionbar.html
Design Pattern

NavigationView

http://developer.android.com/design/patterns/navigation-drawer.html
Assignment 02

- Individual assignment
- Due in 2 weeks (30.10.2014) at 14:00
- Submission via Uniworx
Next Lecture

• Next lecture in 2 weeks (30.10.2014), 16.00h
Resources

• Android Developers
  – http://developer.android.com/design
  – http://developer.android.com/training

• Google IO Session Recordings
  – https://developers.google.com/events/io/2012

• Google IO Schedule App
  – https://code.google.com/p/iosched