



Breathe ideas.

M1 – Introduction to Android

Work Environment

- Practicum
- VirtualBox VM
- Android JellyBean – AOSP (Android Open Source Project)
- Ubuntu 14.04 LTS
- Java Development Kit (JDK)
- Additional tools

Build System and Compilation

- Initialize terminal to work with AOSP code.
- Build system setup nad configuration selecton.
- Emulator startup.

Code Search

- `find -iname "*.cpp" | xargs grep -s "MediaPlayerFactory"`
- <http://androidxref.com/> (all versions)
- <http://aospref.com/> (7+)

Software Configuration

- Device configuration
 - vendor/rtrk/pmf_product/
- Adjustment of final device through pmf_product configuration
- Workareas defined on this path

Exercise

- Setup build environment
- Start Android emulator
- Analyze tools and search mechanisms
- Analyze device configuration on vendor/rtrk path
- Change default background picture on Android emulator according to steps defined in practicum
- **Upload results to Canvas**

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Contact us

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