

Greeting cards? Boring!

Let's customize our own Android Greeting APP.

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whoami

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- **PhD from RWTH Aachen University**, Configuring eHome Systems
- Research: **f2f computing**, **exploratory search**, **cloud computing**, **ps3 computing**, **educational games**
- Teaching: Systems Modeling, Systems Administration, Mobile Computing, DS Seminar, (Software Engineering, Introduction to Informatics)



Researcher in Distributed Systems (DS)

- Distributed Systems?
 - What do you think?
 - Where do you find them?



Where do you find DS?

- Corporate networks
- Factory networks
- Campus networks
- Home networks
- In-car networks
- On board networks in airplanes and trains
- **Mobile phone networks ← therefore, today it's about this**



A Little Tale

- Visit to my wife in Missoula, MT, USA
- Colleague → new Android phone for 84-old dad
- My wife: birthday
- Idea: personalized app instead of greeting card for dad



How to get started?

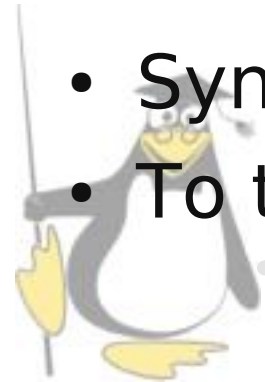
- eclipse
- android sdk
- adt eclipse plugin

Yes, that's all!



Demo

- eclipse
- eclipse settings
- Creating and starting an AVD
- Creating app
- Layouts
- Adding resources
- Some activity in the activity
- Music
- Synchronization
- To the phone!



References

- Android Logo:
<http://www.android.com/branding.html>
- eclipse: <http://eclipse.org>
- Android sdk:
<http://developer.android.com/sdk/index.html>
- adt for eclipse:
<http://developer.android.com/guide/developing/eclipse-adt.html>
- Tutorials
<http://developer.android.com/resources/tutorials/hello-world.html>

