



TECHNISCHE
UNIVERSITÄT
DRESDEN

Department of Computer Science Institute for System Architecture, Chair for Computer Networks

Application Development for Mobile and Ubiquitous Computing

DTS

(Dresden Transport System)

Final Presentation

Group No. 10
Team: Ivan Shatokhin
Siarhei Kazuk

- Application was developed and tested with the help of Nokia Qt SDK;





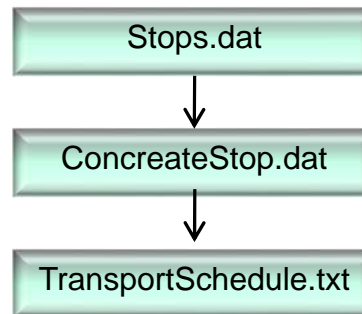
- As soon as application started, it automatically reads file with transport stops and their coordinates;



- After that user is able to choose what transport he is needs and obtains an information about the distance to the selected stop and full list schedule for this hour;

Files hierarchy

- The main file is „**stops.dat**“. It stores information in format: „UniqueStopName stopLatitude stopLongitude“;
- After this file is read and stop is chosen, file with correspondStopName will be loaded;
- This file contains transport information



- This application can be started on any Nokia smartphones with Qt library preinstaled;
- Works offline;
- Easy to use.

- No map working support;
- Current position storing is missed;
- At the moment transport schedule files should be created by hand, as well as the other one.

- Qt is really nice library to work with;
- Very good SDK;
- Simulator is really fast!