Abstracts for FRUCT

- rapid growth of mobile devices' number
- mobile devices have a large number of ways to interact with the outside world
- there are wired and wireless ways (3g, wi-fi, wimax)
- wireless ways provide real mobility (ability to move and work contemporaneously)
- we have problems associated with the transfer of mobile devices between base stations of various wireless networks as one, and several types of
- need to switch between different network interfaces
- problem: to switch imperceptibly for a running applications
- for 3g problem is solved at the protocol level
- for wi-fi in linux problem is solved by setting the routing tables between TCP / IP stack and network interface
- after solving this problem we can create algorithms for switching between network interfaces based on various metrics (eg to ensure a certain QoS)

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