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)

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    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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