Classifier System for Application-Level Mobile Traffic

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Done:

- Capture traffic from android and iOS device.

- Split all traffic to sessions

- Analyse traffic data of 3 specific application : Facebook, amazon, CNN

- Extract features

- Build data sets compatible to Machine learning

- Test different classifiers (knn, random forest, decision-tree) on different data sets

- Improve accuracy / results

To do:

- Get more data from Oneplus device.

- Balance data sets (quantity of each label need to be near)

- Improve accuracy / results

- Final Report