ICNP 2017

Prerequisites:

1. CMake
2. Boost
3. Python 2.7
4. click python package
5. p4c-bm
6. behavioral-model

Steps to reproduce:

1. Clone repo.

2. **Switch** to the cloned folder and then to the `p4t` folder:

   ```bash
   bash  python setup.py build
   ```

3. To calculate Table 1 (l = 16, 24, 32, 64) and Table 2 run:

   ```bash
   bash  python checker.py optimize_for_paper \     --bit-width 16
   --bit-width 24 --bit-width 32 --bit-width 64 \     --max-expanded-bits
   4 --max-expanded-bits 8 test/*.txt
   ```

4. To calculate Table 1 (l = 104) run:

   ```bash
   bash  python checker.py optimize_for_paper \       --bit-width
   16 --bit-width 24 --bit-width 32 \        --max-memory 100000
   --max-memory 1000000 test/*.txt
   ```

All data will be located in `data.tsv`.