Group 18 Compile and run instructions. James Lunt, Qingli Yu

Generate training data

python generate.py --width 128 --height 64 --length 6 --symbols symbols.txt --count 320000 --output-dir train_data --keys train_keys.txt

Generate validate data

python generate.py --width 128 --height 64 --length 6 --symbols symbols.txt --count 32000 --output-dir validate_data --keys validate_keys.txt

Train

python train.py --width 128 --height 64 --length 6 --symbols symbols.txt --batch-size 3200 --epochs 32 --output-model test --train-dataset train_data --validate-dataset validate_data --train-label train_keys.txt --validate-label validate_keys.txt

Classify Locally

python classify_local.py --model-name test --captcha-dir captchas --output captcha_results.csv --symbols symbols.txt

Classify on Pi

python classify_pi.py --model-name test --captcha-dir captchas --output captcha_results.csv --symbols symbols.txt

We haven't included 'captchas' in this folder.