

- **dataset**: This directory contains the original packet capture files used in the experiments and cached files of sequence samples.
 - **CICIOT2022_optAslabel_zigbee**: Pcap files classified by category from the original dataset.
 - **CICIOT2022_optAslabel_zwave**: Csv files classified by category from the original dataset. These files are obtained by converting zlf files using the zniffer tool.
 - **ZLeaks_devtypeAsLabel_zigbee**: Pcap files segmented by provided timestamps and classified by category from the original dataset.
 - **Other**: Cached files of sequence samples obtained after processing with pcap2json_dpkt_cy.py and cy_cut_dataset.py.
- **dataset_maker**: Corresponds to the process of converting samples from Pcap files to sequence samples as described in the paper.
 - **pcap2json_config.py**: Configuration file used to specify target datasets and other parameters.
 - **pcap2json_dpkt_cy.py**: Converts different traffic files into sequence samples.
 - **cy_cut_dataset.py**: Used to split sequence samples into datasets with different random numbers and save them to cached files.
 - **cy_analysis_dataset.py**: Statistics on the generation of sequence samples.
- **model**: Models used in the experiments, and backups of the data for training models in the paper.
 - **models_compare.py**: Constructs models using different sequence networks and performs training and testing.
 - **model_tools.py**: Some commonly used functions related to models.
 - **models_eval.py**: Collects training results.
- **share_lib**: Shared library of dependencies.