

README

Content

The artifacts (.zip) includes the following contents:

- codes
 - Core implementation of the proposed defense algorithm: `Pretender`
- datasets
 - The dataset collected and constructed in this work, including `LSUN` and `WikiArt`.
- protections
 - The images protected by the `Pretender` algorithm correspond one-to-one with the groups in the dataset.

Codes

✨ The codes along with detailed documentation and instructions will soon be open-sourced at <https://github.com/frederickszk/Pretender>

Environments

- `diffusers` > 0.15
- `pyyaml`

Configure

Modify `configs/pretender.yaml` to specify the model (SDv1.5) and the data to be protected.

```
▼ Python |
1 pretrained_model_name_or_path : "/hy-tmp/models/stable-diffusion-v1-5/" # The pretrained model name or path to local
2 train_data_dir : "../datasets/lsun/airplane/1"
3 output_dir : "../output/protections/pretender/lsun/airplane/"
4 assign_logging_dir_name : "1"
```

Execute

```
python pretender.py
```