README

Thanks for your attention. The following instructions can help you reproduce the experiments.

Platform

Our experiments are conducted on a platform with Intel(R) Xeon(R) Gold 6248R CPU @3.00GHz and single GPU NVIDIA TITAN RTX 24GB.

Environment

```
conda env create -f environment.yaml
```

Running

```
cd code
bash train.sh
```

The detailed configurations can be found in the `train.sh`. As the Bert model is too large, you can download the Bert model from Hugging Face(`bert-base-uncased`).

Files Definition

- `data` : contains three public datasets: SNIPS, ATIS and TOP
- `code` : contains python files of our framework
    - `data_process` : used to sample each episode's data
    - `encoder` : model file
    - `losses.py` : contains loss function
    - `parser_util.py` : parse parameters
    - `train.py` : train the model
    - `train.sh` : parameters used to train models
    - `visual_embedding.py` : visualize word embeddings
    - `visual_embedding.sh` : parameters used to visualize word embeddings