The training script is in the root path, whose name is run\_bc\_chair/bucket/door/drawer.sh. The trained models are in the models directory. The evaluation script is the user\_solution.py in the root path.

To make this repository clear, the differences with the official codebase are introduced. Compared with the official codebase, I only change two hyperparameters in the bc\_mani\_skill\_pointnet\_transformer.py. Namely, num\_heads and num\_blocks. Besides, I trained the models with 1024 batch size and 1.2 million iterations and submitted the models that obtained the highest success rate on training set.

More specially,

1. The best **bucket** model is 64head, 12 block, which was submitted in December 29 and achieved the success rate 37.2 on the leaderboard.
2. The best **chair** model is 64head, 12 block, which was submitted in December 29 and achieved the success rate 23.2 on the leaderboard.
3. The best **drawer** model is 64head, 12 block, which was submitted in January 4 and achieved the success rate 49.6 on the leaderboard.
4. The best **door** model is 16head, 16 block, which was submitted in January 14 and achieved the success rate 41.6 on the leaderboard.

We plan to write a technical report for improving the future research.