1 创建环境

```bash
bash
conda create --name opencompass --clone=/root/share/conda_envs/internlm-base
conda activate opencompass
git clone https://github.com/open-compass/opencompass
cd opencompass
pip install -e .
```

2 数据准备

```
# 解压评测数据集到data/处
cp /share/temp/datasets/OpenCompassData-core-20231110.zip /root/opencompass/
unzip OpenCompassData-core-20231110.zip

# 将会在opencompass下看到data文件夹
```

3 查看支持的数据集和模型

```
python tools/list_configs.py internlm ceval
```

```
(opencompass) root@intern-studio:~/opencompass# python tools/list_configs.py internlm ceval
+----------------------------+--------------------------------------------------------------+
| Model                      | Config Path                                                  |
|----------------------------+--------------------------------------------------------------|
| hf_internlm2_20b           | configs/models/hf_internlm/hf_internlm2_20b.py               |
| hf_internlm2_7b            | configs/models/hf_internlm/hf_internlm2_7b.py                |
| hf_internlm2_chat_20b      | configs/models/hf_internlm/hf_internlm2_chat_20b.py          |
| hf_internlm2_chat_7b       | configs/models/hf_internlm/hf_internlm2_chat_7b.py           |
| hf_internlm_20b            | configs/models/hf_internlm/hf_internlm_20b.py                |
| hf_internlm_7b             | configs/models/hf_internlm/hf_internlm_7b.py                 |
| hf_internlm_chat_20b       | configs/models/hf_internlm/hf_internlm_chat_20b.py           |
| hf_internlm_chat_7b        | configs/models/hf_internlm/hf_internlm_chat_7b.py            |
| hf_internlm_chat_7b_8k     | configs/models/hf_internlm/hf_internlm_chat_7b_8k.py         |
| hf_internlm_chat_7b_v1_1   | configs/models/hf_internlm/hf_internlm_chat_7b_v1_1.py       |
| internlm_7b                | configs/models/internlm/internlm_7b.py                       |
| ms_internlm_chat_7b_8k     | configs/models/ms_internlm/ms_internlm_chat_7b_8k.py         |
+----------------------------+--------------------------------------------------------------+
+----------------------------+--------------------------------------------------------------+
| Dataset                    | Config Path                                                  |
|----------------------------+--------------------------------------------------------------|
| ceval_clean_ppl            | configs/datasets/ceval/ceval_clean_ppl.py                   |
| ceval_gen                  | configs/datasets/ceval/ceval_gen.py                         |
| ceval_gen_2daf24           | configs/datasets/ceval/ceval_gen_2daf24.py                  |
| ceval_gen_5f30c7           | configs/datasets/ceval/ceval_gen_5f30c7.py                  |
| ceval_ppl                  | configs/datasets/ceval/ceval_ppl.py                         |
| ceval_ppl_578f8d           | configs/datasets/ceval/ceval_ppl_578f8d.py                  |
| ceval_ppl_93e5ce           | configs/datasets/ceval/ceval_ppl_93e5ce.py                  |
| ceval_zero_shot_gen_bd40ef | configs/datasets/ceval/ceval_zero_shot_gen_bd40ef.py        |
+----------------------------+--------------------------------------------------------------+
```
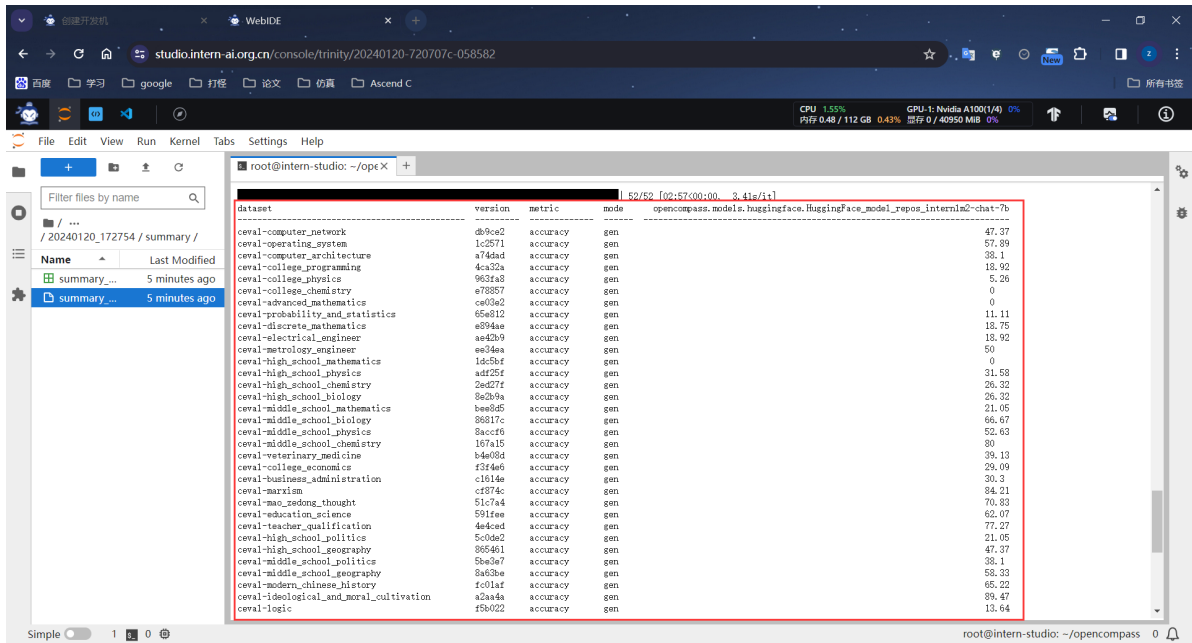
4 启动评测

```
python run.py \
    --datasets ceval_gen \
    --hf-path /root/share/model_repos/internlm2-chat-7b/ \
    --tokenizer-path /root/share/model_repos/internlm2-chat-7b/ \
    --tokenizer-kwargs padding_side='left' truncation='left'
trust_remote_code=True \
    --model-kwargs trust_remote_code=True device_map='auto' \
    --max-seq-len 2048 \
    --max-out-len 16 \
    --batch-size 4 \
    --num-gpus 1 \
```

5 可视化结果展示