书生二期第七课作业

```
Successfully installed asttokens-2.4.1 comm-0.2.2 debugpy-1.8.1 decorator-5.1.1 exceptiongroup-1.2.1 executing-2.0.1 ipykernel-6.29.4 ipyt
hon-8.23.0 jedi-0.19.1 jupyter-client-8.6.1 jupyter-core-5.7.2 matplotlib-inline-0.1.7 nest-asyncio-1.6.0 packaging-24.0 parso-0.8.4 pexpe
ct-4.9.0 platformdirs-4.2.1 prompt-toolkit-3.0.43 psutil-5.9.8 ptyprocess-0.7.0 pure-eval-0.2.2 pygments-2.17.2 python-dateutil-2.9.0.post
0 pyzmq-26.0.2 six-1.16.0 stack-data-0.6.3 tornado-6.4 traitlets-5.14.3 wcwidth-0.2.13
WARNING: Running pip as the 'root' user can result in broken permissions and conflicting behaviour with the system package manager. It is
recommended to use a virtual environment instead: https://pip.pypa.io/warnings/venv
Installed kernelspec opencompass in /root/.local/share/jupyter/kernels/opencompass
 conda环境: opencompass安装成功!


                =========================================
                            ALL DONE!
                =========================================


(base) root@intern-studio-40017286:/opt/jupyterlab# source activate opencompass
(opencompass) root@intern-studio-40017286:/opt/jupyterlab# git clone -b 0.2.4 https://github.com/open-compass/opencompass
Cloning into 'opencompass'...
remote: Enumerating objects: 8647, done.
remote: Counting objects: 100% (8647/8647), done.
remote: Compressing objects: 100% (3034/3034), done.
remote: Total 8647 (delta 5827), reused 7806 (delta 5469), pack-reused 0
Receiving objects: 100% (8647/8647), 2.70 MiB | 4.36 MiB/s, done.
Resolving deltas: 100% (5827/5827), done.
Note: switching to 'b39f501563ab14bf81fc3c3bd76bd4de92680344'.

You are in 'detached HEAD' state. You can look around, make experimental
changes and commit them, and you can discard any commits you make in this
state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may
do so (now or later) by using -c with the switch command. Example:

  git switch -c <new-branch-name>

Or undo this operation with:

  git switch -
```

```
Or undo this operation with:

 git switch -

Turn off this advice by setting config variable advice.detachedHead to false

Updating files: 100% (1844/1844), done.
(opencompass) root@intern-studio-40017286:~# cd opencompass
(opencompass) root@intern-studio-40017286:~/opencompass# pip install -e .
Looking in indexes: https://pypi.tuna.tsinghua.edu.cn/simple
Obtaining file:///root/opencompass
  Preparing metadata (setup.py) ... done
Installing collected packages: opencompass
  Running setup.py develop for opencompass
Successfully installed opencompass-0.2.3
WARNING: Running pip as the 'root' user can result in broken permissions and conflicting behaviour with the system package manager. It is recommended to use a virtual envir
onment instead: https://pip.pypa.io/warnings/venv
(opencompass) root@intern-studio-40017286:~/opencompass#
```

这里少安装了2个包：

pip install tabulate

pip install mmengine

补充之后就可以了：

```
(opencompass) root@intern-studio-40017286:~/opencompass#
(opencompass) root@intern-studio-40017286:~/opencompass# python tools/list_configs.py internlm ceval
+-----------------------------------+-------------------------------------------------------------------+
| Model                             | Config Path                                                       |
+-----------------------------------+-------------------------------------------------------------------+
| hf_internlm2_1_8b                 | configs/models/hf_internlm/hf_internlm2_1_8b.py                    |
| hf_internlm2_20b                  | configs/models/hf_internlm/hf_internlm2_20b.py                    |
| hf_internlm2_7b                   | configs/models/hf_internlm/hf_internlm2_7b.py                     |
| hf_internlm2_base_20b             | configs/models/hf_internlm/hf_internlm2_base_20b.py              |
| hf_internlm2_base_7b              | configs/models/hf_internlm/hf_internlm2_base_7b.py               |
| hf_internlm2_chat_1_8b            | configs/models/hf_internlm/hf_internlm2_chat_1_8b.py            |
| hf_internlm2_chat_1_8b_sft        | configs/models/hf_internlm/hf_internlm2_chat_1_8b_sft.py        |
| hf_internlm2_chat_20b             | configs/models/hf_internlm/hf_internlm2_chat_20b.py             |
| hf_internlm2_chat_20b_sft         | configs/models/hf_internlm/hf_internlm2_chat_20b_sft.py         |
| hf_internlm2_chat_20b_with_system | configs/models/hf_internlm/hf_internlm2_chat_20b_with_system.py |
| hf_internlm2_chat_7b              | configs/models/hf_internlm/hf_internlm2_chat_7b.py              |
| hf_internlm2_chat_7b_sft          | configs/models/hf_internlm/hf_internlm2_chat_7b_sft.py          |
| hf_internlm2_chat_7b_with_system  | configs/models/hf_internlm/hf_internlm2_chat_7b_with_system.py  |
| hf_internlm2_chat_math_20b        | configs/models/hf_internlm/hf_internlm2_chat_math_20b.py        |
| hf_internlm2_chat_math_20b_with_system | configs/models/hf_internlm/hf_internlm2_chat_math_20b_with_system.py |
| hf_internlm2_chat_math_7b         | configs/models/hf_internlm/hf_internlm2_chat_math_7b.py         |
| hf_internlm2_chat_math_7b_with_system | configs/models/hf_internlm/hf_internlm2_chat_math_7b_with_system.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          |
```

结果输出:

```
dataset                                     version   metric     mode    opencompass.models.huggingface.HuggingFace_Shanghai_AI_Laboratory_internlm2-chat-1_8b
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
ceval-computer_network                      db9ce2    accuracy   gen                                                                                      47.37
ceval-operating_system                      1c2571    accuracy   gen                                                                                      47.37
ceval-computer_architecture                 a74dad    accuracy   gen                                                                                      23.81
ceval-college_programming                   4ca32a    accuracy   gen                                                                                      13.51
ceval-college_physics                       963fa8    accuracy   gen                                                                                      42.11
ceval-college_chemistry                     e78857    accuracy   gen                                                                                      33.33
ceval-advanced_mathematics                  ce03e2    accuracy   gen                                                                                      10.53
ceval-probability_and_statistics            65e812    accuracy   gen                                                                                      38.89
ceval-discrete_mathematics                  e894ae    accuracy   gen                                                                                      25
ceval-electrical_engineer                   ae42b9    accuracy   gen                                                                                      27.03
ceval-metrology_engineer                    ee34ea    accuracy   gen                                                                                      54.17
ceval-high_school_mathematics               1dc5bf    accuracy   gen                                                                                      16.67
ceval-high_school_physics                   adf25f    accuracy   gen                                                                                      42.11
ceval-high_school_chemistry                 2ed27f    accuracy   gen                                                                                      47.37
ceval-high_school_biology                   8e2b9a    accuracy   gen                                                                                      26.32
ceval-middle_school_mathematics             bee8d5    accuracy   gen                                                                                      36.84
ceval-middle_school_biology                 86817c    accuracy   gen                                                                                      80.95
ceval-middle_school_physics                 8accf6    accuracy   gen                                                                                      47.37
ceval-middle_school_chemistry               167a15    accuracy   gen                                                                                      80
ceval-veterinary_medicine                   b4e08d    accuracy   gen                                                                                      43.48
ceval-college_economics                     f3f4e6    accuracy   gen                                                                                      32.73
ceval-business_administration               c1614e    accuracy   gen                                                                                      36.36
ceval-marxism                               cf874c    accuracy   gen                                                                                      68.42
ceval-mao_zedong_thought                    51c7a4    accuracy   gen                                                                                      70.83
ceval-education_science                     591fee    accuracy   gen                                                                                      55.17
ceval-teacher_qualification                 4e4ced    accuracy   gen                                                                                      59.09
ceval-high_school_politics                  5c0de2    accuracy   gen                                                                                      57.89
ceval-high_school_geography                 865461    accuracy   gen                                                                                      47.37
ceval-middle_school_politics                5be3e7    accuracy   gen                                                                                      71.43
ceval-middle_school_geography               8a63be    accuracy   gen                                                                                      75
ceval-modern_chinese_history                fc01af    accuracy   gen                                                                                      52.17
ceval-ideological_and_moral_cultivation     a2aa4a    accuracy   gen                                                                                      73.68
ceval-logic                                 f5b022    accuracy   gen                                                                                      27.27
ceval-law                                   a110a1    accuracy   gen                                                                                      29.17
ceval-chinese_language_and_literature       0f8b68    accuracy   gen                                                                                      47.83
ceval-art_studies                           2a1300    accuracy   gen                                                                                      42.42
ceval-professional_tour_guide               4e673e    accuracy   gen                                                                                      51.72
ceval-legal_professional                    ce8787    accuracy   gen                                                                                      34.78
ceval-high_school_chinese                   315705    accuracy   gen                                                                                      42.11
ceval-high_school_history                   7eb30a    accuracy   gen                                                                                      65
ceval-middle_school_history                 48ab4a    accuracy   gen                                                                                      86.36
ceval-civil_servant                         87d061    accuracy   gen                                                                                      42.55
ceval-sports_science                        70f27b    accuracy   gen                                                                                      52.63
ceval-plant_protection                      8941f9    accuracy   gen                                                                                      40.91
ceval-basic_medicine                        c409d6    accuracy   gen                                                                                      68.42
ceval-clinical_medicine                     49e82d    accuracy   gen                                                                                      31.82
ceval-urban_and_rural_planner               95b885    accuracy   gen                                                                                      47.83
ceval-accountant                            002837    accuracy   gen                                                                                      36.73
ceval-fire_engineer                         bc23f5    accuracy   gen                                                                                      38.71
ceval-environmental_impact_assessment_engineer  c64e2d  accuracy  gen                                                                                    51.61
```

开发机名称	资源配置	状态 ▽	计时 ⓘ	工具	操作
✎ 智能体应用搭建 id: 20240502-a745420-40017286	◉ 30% A100 升降配置	● 已停止	已停止 0m 14d 23h 59m 后自动释放	资源监控 操作日志 自定义服务	SSH 连接 进入开发机 启动 释放
✎ 微调小助手 id: 20240501-c3a634a-40017286	◉ 10% A100 升降配置	● 已停止	已停止 1d 20h 12m 13d 3h 47m 后自动释放	资源监控 操作日志 自定义服务	SSH 连接 进入开发机 启动 释放
✎ LLM数据构造 id: 20240427-e964808-40017286	◉ 10% A100 升降配置	● 已停止	已停止 5d 18h 58m 9d 5h 1m 后自动释放	资源监控 操作日志 自定义服务	SSH 连接 进入开发机 启动 释放
opencompass id: 20240425-c7fe2ad-40017286	◉ 10% A100 升降配置	● 运行中 1算力点/小时	已运行 1m 59m 后自动停止	资源监控 操作日志 自定义服务	SSH 连接 进入开发机 停止 释放
✎ 灵笔2 id: 20240424-0036e5f-40017286	◉ 50% A100 升降配置	● 已停止	已停止 8d 5h 2m 6d 18h 57m 后自动释放	资源监控 操作日志 自定义服务	SSH 连接 进入开发机 启动 释放