

# 排序器

bge-reranker

```
from FlagEmbedding import FlagReranker
reranker = FlagReranker('BAAI/bge-reranker-base', use_fp16=True) # 将 use_fp16 设置为 True 可以加速计算, 但会丢失一些精度

score = reranker.compute_score(['query', 'passage'])
print(score) # -5.65234375

# 可以通过设置 "normalize=True" 将分数映射到 0-1 范围内, 这将对分数应用一个 sigmoid 函数。
score = reranker.compute_score(['query', 'passage'], normalize=True)
print(score) # 0.003497010252573502

scores = reranker.compute_score([('what is panda?', 'hi'), ('what is panda?', 'The giant panda (Ailuropoda melanoleuca)')])
print(scores) # [-8.1875, 5.26171875]

# 可以通过设置 "normalize=True" 将分数映射到 0-1 范围内, 这将对分数应用一个 sigmoid 函数。
scores = reranker.compute_score([('what is panda?', 'hi'), ('what is panda?', 'The giant panda (Ailuropoda melanoleuca)']), normalize=True)
print(scores) # [0.00027803096387751553, 0.9948403768236574]
```

错误

```
(mpsFileLoc): /AppleInternal/Library/BuildRoots/b11baf73-9ee0-11ef-b7b4-7aebe1f78c73/Library/Caches/com.apple.xbs/Sources/JavaScriptCore/Source/Runtime/JSObject.h:105:10: error: 'Object' has not been declared
    JSObject *object = static_cast<JSObject*>(value);
         ^~~~~~
```

FlagEmbedding