

# Benchmark Report for */Users/ortner/gits/ACE.jl*

## Job Properties

- Time of benchmarks:
  - Target: 20 Dec 2021 - 21:18
  - Baseline: 20 Dec 2021 - 22:14
- Package commits:
  - Target: dirty
  - Baseline: cc4af9
- Julia commits:
  - Target: 3bf9d1
  - Baseline: 3bf9d1
- Julia command flags:
  - Target: None
  - Baseline: None
- Environment variables:
  - Target: None
  - Baseline: None

## Results

A ratio greater than 1.0 denotes a possible regression (marked with ✗), while a ratio less than 1.0 denotes a possible improvement (marked with ✓). Only significant results - results that indicate possible regressions or improvements - are shown below (thus, an empty table means that all benchmark results remained invariant between builds).

ID	time ratio	memory ratio
["basis", "A", "evaluate", "10"]	0.99 (5%)	0.00 (1%) ✓
["basis", "A", "evaluate", "13"]	0.56 (5%) ✓	0.00 (1%) ✓
["basis", "A", "evaluate", "16"]	1.00 (5%)	0.00 (1%) ✓
["basis", "A", "evaluate", "19"]	1.00 (5%)	0.00 (1%) ✓
["basis", "A", "evaluate", "7"]	1.00 (5%)	0.80 (1%) ✓
["basis", "A", "evaluate_d!", "10"]	0.20 (5%) ✓	0.00 (1%) ✓
["basis", "A", "evaluate_d!", "13"]	0.17 (5%) ✓	0.00 (1%) ✓
["basis", "A", "evaluate_d!", "16"]	0.16 (5%) ✓	0.00 (1%) ✓
["basis", "A", "evaluate_d!", "19"]	0.16 (5%) ✓	0.00 (1%) ✓
["basis", "A", "evaluate_d!", "7"]	0.25 (5%) ✓	0.00 (1%) ✓
["basis", "A", "evaluate_d", "10"]	0.20 (5%) ✓	0.26 (1%) ✓
["basis", "A", "evaluate_d", "13"]	0.17 (5%) ✓	0.25 (1%) ✓
["basis", "A", "evaluate_d", "16"]	0.16 (5%) ✓	0.26 (1%) ✓
["basis", "A", "evaluate_d", "19"]	0.16 (5%) ✓	0.27 (1%) ✓
["basis", "A", "evaluate_d", "7"]	0.24 (5%) ✓	0.25 (1%) ✓
["basis", "B", "evaluate!", (2, 10)]	0.99 (5%)	0.36 (1%) ✓
["basis", "B", "evaluate!", (2, 12)]	0.99 (5%)	0.35 (1%) ✓
["basis", "B", "evaluate!", (2, 7)]	1.00 (5%)	0.38 (1%) ✓
["basis", "B", "evaluate!", (3, 11)]	0.99 (5%)	0.35 (1%) ✓
["basis", "B", "evaluate!", (3, 7)]	1.00 (5%)	0.38 (1%) ✓
["basis", "B", "evaluate!", (3, 9)]	0.99 (5%)	0.35 (1%) ✓
["basis", "B", "evaluate", (2, 10)]	0.99 (5%)	0.38 (1%) ✓
["basis", "B", "evaluate", (2, 12)]	0.99 (5%)	0.36 (1%) ✓
["basis", "B", "evaluate", (2, 7)]	0.99 (5%)	0.41 (1%) ✓
["basis", "B", "evaluate", (3, 11)]	0.98 (5%)	0.36 (1%) ✓
["basis", "B", "evaluate", (3, 7)]	1.00 (5%)	0.41 (1%) ✓
["basis", "B", "evaluate", (3, 9)]	0.99 (5%)	0.37 (1%) ✓
["basis", "B", "evaluate_d!", (2, 10)]	0.21 (5%) ✓	0.19 (1%) ✓
["basis", "B", "evaluate_d!", (2, 12)]	0.19 (5%) ✓	0.19 (1%) ✓
["basis", "B", "evaluate_d!", (2, 7)]	0.22 (5%) ✓	0.18 (1%) ✓
["basis", "B", "evaluate_d!", (3, 11)]	0.20 (5%) ✓	0.19 (1%) ✓
["basis", "B", "evaluate_d!", (3, 7)]	0.23 (5%) ✓	0.18 (1%) ✓
["basis", "B", "evaluate_d!", (3, 9)]	0.20 (5%) ✓	0.19 (1%) ✓
["basis", "B", "evaluate_d", (2, 10)]	0.21 (5%) ✓	0.19 (1%) ✓
["basis", "B", "evaluate_d", (2, 12)]	0.19 (5%) ✓	0.19 (1%) ✓
["basis", "B", "evaluate_d", (2, 7)]	0.22 (5%) ✓	0.19 (1%) ✓
["basis", "B", "evaluate_d", (3, 11)]	0.20 (5%) ✓	0.19 (1%) ✓
["basis", "B", "evaluate_d", (3, 7)]	0.22 (5%) ✓	0.19 (1%) ✓
["basis", "B", "evaluate_d", (3, 9)]	0.21 (5%) ✓	0.19 (1%) ✓

## Benchmark Group List

Here's a list of all the benchmark groups executed by this job:

- ["basis", "A", "evaluate!"]
- ["basis", "A", "evaluate"]
- ["basis", "A", "evaluate\_d!"]
- ["basis", "A", "evaluate\_d"]
- ["basis", "B", "evaluate!"]
- ["basis", "B", "evaluate"]
- ["basis", "B", "evaluate\_d!"]
- ["basis", "B", "evaluate\_d"]

## Julia versioninfo

### Target

```
Julia Version 1.7.0
Commit 3bf9d17731 (2021-11-30 12:12 UTC)
Platform Info:
  OS: macOS (arm64-apple-darwin21.1.0)
  uname: Darwin 21.1.0 Darwin Kernel Version 21.1.0: Wed Oct 13 17:33:01 PDT 2021;
  root:xnu-8019.41.5~1/RELEASE_ARM64_T6000 arm64 arm
  CPU: Apple M1 Max:
    #1-10    speed      user      nice      sys      idle
    0 s      24 MHz    1139996 s  0 s      713792 s  20048416 s

Memory: 32.0 GB (2362.890625 MB free)
Uptime: 529204.0 sec
Load Avg: 2.1533203125 1.79541015625 1.68017578125
WORD_SIZE: 64
LIBM: libopenlibm
LLVM: libLLVM-12.0.1 (ORCJIT, cyclone)
```

### Baseline

```
Julia Version 1.7.0
Commit 3bf9d17731 (2021-11-30 12:12 UTC)
Platform Info:
  OS: macOS (arm64-apple-darwin21.1.0)
  uname: Darwin 21.1.0 Darwin Kernel Version 21.1.0: Wed Oct 13 17:33:01 PDT 2021;
  root:xnu-8019.41.5~1/RELEASE_ARM64_T6000 arm64 arm
  CPU: Apple M1 Max:
    #1-10    speed      user      nice      sys      idle
    0 s      24 MHz    1163258 s  0 s      736370 s  20335361 s

Memory: 32.0 GB (109.03125 MB free)
Uptime: 532532.0 sec
Load Avg: 3.0205078125 3.45361328125 3.06640625
WORD_SIZE: 64
LIBM: libopenlibm
LLVM: libLLVM-12.0.1 (ORCJIT, cyclone)
```