Python compilation results

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8x8

32x32

64x64

```
platform win32 -- Python 3.10.11, pytest-8.3.3, pluggy-1.5.0
benchmark: 4.0.0 (defaults: timen-stime.perf_counter disable_gc=False min_rounds=5 min_time=0.000005 max_time=1.0 calibration_precision=10 warmup=False warmup_iterations=100000)
rootdir: C:\Users\Olga\Desktop\studia\gran canaria\matrix multiplication\matrix-multiplication-language-benchmark\Python\matrix_python
plugins: benchmark-4.0.0, xdist-3.6.1
collected 1 item

matrix_python.py
CPU time: 765.62 ms
Hemory usage: 0.12 MB

Hame (time in ms) Min Max Mean StdDev Median IQR Outliers OPS Rounds Iterations

test_matrix_multiply 99.5224 148.2000 109.1635 14.1797 104.7019 7.5442 1;1 9.1606 10 1

Legend:
OPS: Operations Per Second, computed as 1 / Mean 1 passed in 2.425
```

128x128

```
platform win32 -- Python 3.10.11, pytest-8.3.3, pluggy-1.5.0
benchmark: 4.0.0 (defaults: timer=time.penf_counter disable_gc=False min_rounds=5 min_time=0.000005 max_time=1.0 calibration_precision=10 warmup=False warmup_iterations=100000)
rootdin: C:\Users\Olga\Desktop\studia\gran canaria\matrix multiplication\matrix-multiplication-language-benchmark\Python\matrix_python
plugins: benchmark-4.0.0, xdist-3.6.1
collected 1 item

matrix_python.py
CPU time: 1656.25 ms
Memory usage: 0.57 MB

.

benchmark: 1 tests

Name (time in ms) Min Max Mean StdDev Median IQR Outliers OPS Rounds Iterations

test_matrix_multiply 794.0530 870.9469 832.4999 54.3722 832.4999 76.8939 0;0 1.2012 2 1

Legend:
OPS: Operations Per Second, computed as 1 / Mean

1 passed in 4.58s
```

256x256

512x512

```
platform win32 -- Python 3.10.11, pytest-8.5.3, pluggy-1.5.0
benchmark: 4.0.0 (defaults: timer=time.perf_counter disable_gc=False min_rounds=5 min_time=0.000005 max_time=1.0 calibration_precision=10 warmup=False warmup_iterations=100000)
rootdir: C:\Users\Oldga\Desktop\studia\gran canaria\matrix multiplication\matrix-multiplication-language-benchmark\Python\matrix_python
plugins: benchmark-4.0.0, xdist-3.6.1
collected 1 item

matrix_python.py
CPU time: 33468.75 ms
Hemory usage: 10.07 MB

henchmark: 1 tests

Hame (time in s) Min Max Mean StdDev Median IQR Outliers OPS Rounds Iterations

test_matrix_multiply 53.8839 53.8839 53.8839 0.0000 53.8839 0.0000 0;0 0.0186 1 1

Legend:
OPS: Operations Per Second, computed as 1 / Mean 1 / Mean 1 passed in 162.58s (0:02:42)
```

1024x1024

```
platform win32 -- Python 3.10.11, pytest-8.3.3, pluggy-1.5.0
benchmark: 4.0.0 (defaults: time=time_perf_counter_disable_gc=False_min_rounds=5 min_time=0.000005 max_time=1.0 calibration_precision=10 warmup=False_warmup_iterations=100000)
rootdir: C:\Users\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Oldor\Old
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