Call Stack

Reset Root

Reset Zoom

Style: Icicle

Depth: 10

Cutoff: 1 / 1000

main.py:514(process_video)
209 s

main.py:107(Inference)
194 s

main.py:107(Inference)
194 s

main.py:80(PreProcessImg)
27.7 s

Search:

| ncalls | tottime | percall | cumtime | percall | filename:lineno(function) |
|---|---|---|---|---|---|
| 1530 | 161.3 | 0.1054 | 194.3 | 0.127 | main.py:107(Inference) |
| 1530 | 10.31 | 0.00674 | 27.69 | 0.0181 | main.py:80(PreProcessImg) |
| 5268 | 7.647 | 0.001452 | 7.647 | 0.001452 | ~:0(<built-in method numpy.ascontiguousarray>) |
| 1530 | 7.428 | 0.004855 | 7.428 | 0.004855 | ~:0(<resize>) |
| 3066 | 3.433 | 0.00112 | 3.433 | 0.00112 | ~:0(<waitKey>) |
| 80005/48355 | 3.059 | 6.326e-05 | 5.002 | 0.0001035 | ~:0(<built-in method numpy.core._multiarray_umath.implement_array_function>) |
| 3066 | 2.269 | 0.0007401 | 2.269 | 0.0007401 | ~:0(<method 'read' of 'cv2.VideoCapture' objects>) |
| 2678 | 1.409 | 0.000526 | 1.409 | 0.000526 | ~:0(<method 'astype' of 'numpy.ndarray' objects>) |
| 1096 | 1.164 | 0.001062 | 4.801 | 0.00438 | byte_tracker.py:159(update) |
| 4 | 0.6188 | 0.1547 | 209.1 | 52.27 | main.py:514(process_video) |
| 1530 | 0.5752 | 0.0003759 | 0.5752 | 0.0003759 | ~:0(<copyMakeBorder>) |
| 1530 | 0.4802 | 0.0003138 | 2.286 | 0.001494 | main.py:166(NonMaxSuppression) |
| 17700 | 0.3274 | 1.849e-05 | 0.5902 | 3.334e-05 | _methods.py:92(_clip_dep_is_scalar_nan) |
| 52 | 0.2772 | 0.005331 | 0.2772 | 0.005331 | ~:0(<built-in method lstm>) |
| 11371 | 0.2637 | 2.319e-05 | 0.3056 | 2.688e-05 | byte_tracker.py:90(tlwh) |
| 1365 | 0.2571 | 0.0001883 | 0.6016 | 0.0004407 | main.py:231(bbox_iou) |
| 3652 | 0.2257 | 6.18e-05 | 0.2259 | 6.186e-05 | ~:0(<built-in method tensor>) |
| 1114 | 0.208 | 0.0001867 | 0.2876 | 0.0002581 | ~:0(<lap._lapjv.lapjv>) |
| 1095 | 0.2012 | 0.0001837 | 0.8234 | 0.000752 | kalman_filter.py:155(multi_predict) |
| 1582 | 0.2003 | 0.0001266 | 0.2321 | 0.0001467 | ~:0(<built-in method io.open>) |
| 9487 | 0.2001 | 2.109e-05 | 0.2001 | 2.109e-05 | ~:0(<built-in method _warnings.warn>) |
| 2730 | 0.1743 | 6.386e-05 | 0.1743 | 6.386e-05 | ~:0(<rectangle>) |
| 1530 | 0.174 | 0.0001137 | 0.174 | 0.0001137 | ~:0(<cvtColor>) |
| 1530 | 0.174 | 0.0001137 | 0.4557 | 0.0002978 | _datetime.py:13(__format__) |
| 34139 | 0.1737 | 5.088e-06 | 0.1872 | 5.485e-06 | ~:0(<built-in method numpy.asarray>) |
| 1530 | 0.1654 | 0.0001081 | 1.145 | 0.0007485 | _logger.py:1906(_log) |
| 8850 | 0.1548 | 1.749e-05 | 0.1548 | 1.749e-05 | _methods.py:107(_clip_dep_invoke_with_casting) |
| 1530 | 0.131 | 8.561e-05 | 0.2324 | 0.0001519 | main.py:204(xywh2xyxy) |
| 19936 | 0.1294 | 6.491e-06 | 0.212 | 1.063e-05 | fromnumeric.py:3121(ndim) |
| 3288 | 0.1245 | 3.786e-05 | 0.4519 | 0.0001374 | matching.py:39(linear_assignment) |
| 12697/4507 | 0.1239 | 2.748e-05 | 0.6543 | 0.0001452 | ~:0(<method 'format' of 'str' objects>) |
| 4384 | 0.1146 | 2.615e-05 | 0.8506 | 0.000194 | matching.py:73(iou_distance) |
| 6120 | 0.1145 | 1.87e-05 | 0.1145 | 1.87e-05 | ~:0(<method 'strftime' of 'datetime.date' objects>) |
| 1092 | 0.112 | 0.0001025 | 0.1963 | 0.0001798 | _methods.py:196(_var) |
| 8850 | 0.1071 | 1.21e-05 | 0.9008 | 0.0001018 | _methods.py:126(_clip) |
| 4520 | 0.1009 | 2.231e-05 | 0.1009 | 2.231e-05 | ~:0(<method 'reduce' of 'numpy.ufunc' objects>) |
| 1342 | 0.1001 | 7.46e-05 | 0.1406 | 0.0001048 | _decomp_cholesky.py:13(_cholesky) |
| 4384 | 0.09679 | 2.208e-05 | 0.3378 | 7.705e-05 | matching.py:53(ious) |
| 8686 | 0.09418 | 1.084e-05 | 0.3646 | 4.198e-05 | byte_tracker.py:103(tlbr) |
| 26384 | 0.08978 | 3.403e-06 | 0.08978 | 3.403e-06 | ~:0(<method 'copy' of 'numpy.ndarray' objects>) |
| 4384 | 0.08742 | 1.994e-05 | 0.08742 | 1.994e-05 | ~:0(<method 'unbind' of 'torch._C._TensorBase' objects>) |
| 1365 | 0.08667 | 6.349e-05 | 0.08667 | 6.349e-05 | ~:0(<putText>) |

| ncalls | tottime | percall | cumtime | percall | filename:lineno(function) |
|---|---|---|---|---|---|
| 1637 | 0.08337 | 5.093e-05 | 0.08337 | 5.093e-05 | ~:0(<method 'write' of '_io.TextIOWrapper' objects>) |
| 1342 | 0.08095 | 6.032e-05 | 0.09403 | 7.007e-05 | _decomp_cholesky.py:159(cho_solve) |
| 2895 | 0.07793 | 2.692e-05 | 0.1895 | 6.544e-05 | shape_base.py:512(expand_dims) |
| 6825/1365 | 0.07678 | 5.625e-05 | 0.1845 | 0.0001352 | arrayprint.py:789(recurser) |
| 1342 | 0.07665 | 5.712e-05 | 0.699 | 0.0005209 | kalman_filter.py:194(update) |
| 1530 | 0.07501 | 4.902e-05 | 2.435 | 0.001592 | main.py:142(PostProcess) |
| 2236 | 0.07488 | 3.349e-05 | 0.1084 | 4.849e-05 | numerictypes.py:573(_can_coerce_all) |
| 4962 | 0.07019 | 1.415e-05 | 0.09249 | 1.864e-05 | twodim_base.py:240(diag) |
| 1096 | 0.0689 | 6.287e-05 | 0.9423 | 0.0008597 | byte_tracker.py:32(multi_predict) |
| 116643 | 0.06871 | 5.891e-07 | 0.1461 | 1.253e-06 | ~:0(<built-in method builtins.len>) |
| 1118 | 0.06469 | 5.786e-05 | 0.3076 | 0.0002752 | index_tricks.py:322(__getitem__) |
| 9487 | 0.0636 | 6.704e-06 | 0.2637 | 2.779e-05 | __init__.py:274(__attr__) |
| 1530 | 0.06109 | 3.993e-05 | 0.7342 | 0.0004799 | _handler.py:127(emit) |
| 1342 | 0.06044 | 4.504e-05 | 0.2594 | 0.0001933 | kalman_filter.py:126(project) |
| 1530 | 0.0541 | 3.536e-05 | 0.08542 | 5.583e-05 | ~:0(<method 'sub' of 're.Pattern' objects>) |
| 1530 | 0.05218 | 3.41e-05 | 0.1325 | 8.659e-05 | _datetime.py:88(aware_now) |
| 59087 | 0.05172 | 8.754e-07 | 0.05394 | 9.13e-07 | ~:0(<built-in method builtins.isinstance>) |
| 8850 | 0.05002 | 5.652e-06 | 1.014 | 0.0001146 | fromnumeric.py:2085(clip) |
| 19936 | 0.0498 | 2.498e-06 | 0.3217 | 1.614e-05 | <__array_function__ internals>:177(ndim) |
| 14554 | 0.04896 | 3.364e-06 | 1.056 | 7.258e-05 | fromnumeric.py:51(_wrapfunc) |
| 1365 | 0.04755 | 3.483e-05 | 0.05143 | 3.768e-05 | byte_tracker.py:113(tlwh_to_xyah) |
| 1365 | 0.04617 | 3.382e-05 | 0.3366 | 0.0002466 | main.py:268(PlotBbox) |
| 1365 | 0.04583 | 3.358e-05 | 0.1157 | 8.479e-05 | arrayprint.py:1439(dtype_short_repr) |
| 1096 | 0.04409 | 4.022e-05 | 0.3716 | 0.000339 | byte_tracker.py:317(remove_duplicate_stracks) |
| 1322 | 0.0438 | 3.313e-05 | 0.7946 | 0.0006011 | byte_tracker.py:71(update) |
| 3288 | 0.04349 | 1.323e-05 | 0.07739 | 2.354e-05 | _tensor.py:676(__len__) |
| 5172 | 0.04243 | 8.204e-06 | 0.04243 | 8.204e-06 | ~:0(<built-in method numpy.array>) |
| 2895 | 0.042 | 1.451e-05 | 0.06105 | 2.109e-05 | numeric.py:1347(normalize_axis_tuple) |
| 4425 | 0.041 | 9.266e-06 | 0.041 | 9.266e-06 | ~:0(<method 'reshape' of 'numpy.ndarray' objects>) |
| 1365 | 0.04077 | 2.987e-05 | 0.04894 | 3.585e-05 | arrayprint.py:403(_get_formatdict) |
| 312 | 0.03926 | 0.0001258 | 0.03926 | 0.0001258 | ~:0(<method 'uniform_' of 'torch._C._TensorBase' objects>) |
| 1530 | 0.03875 | 2.532e-05 | 0.5032 | 0.0003289 | ~:0(<method 'format_map' of 'str' objects>) |
| 12679 | 0.03845 | 3.033e-06 | 0.2649 | 2.089e-05 | <__array_function__ internals>:177(dot) |
| 1365 | 0.03801 | 2.785e-05 | 0.5828 | 0.000427 | arrayprint.py:1467(_array_repr_implementation) |
| 10951 | 0.0378 | 3.452e-06 | 0.0378 | 3.452e-06 | ~:0(<built-in method numpy.zeros>) |
| 7880 | 0.0368 | 4.67e-06 | 0.0368 | 4.67e-06 | ~:0(<built-in method torch._C._get_tracing_state>) |
| 17700 | 0.03632 | 2.052e-06 | 0.0487 | 2.751e-06 | _methods.py:102(_clip_dep_is_byte_swapped) |
| 1365 | 0.03623 | 2.654e-05 | 0.08021 | 5.876e-05 | byte_tracker.py:127(tlbr_to_tlwh) |
| 2684 | 0.03542 | 1.32e-05 | 0.184 | 6.857e-05 | linalg.py:2617(multi_dot) |
| 1365 | 0.0341 | 2.498e-05 | 0.3109 | 0.0002277 | arrayprint.py:523(_array2string) |
| 8850 | 0.03309 | 3.739e-06 | 1.084 | 0.0001225 | <__array_function__ internals>:177(clip) |
| 19073 | 0.03299 | 1.73e-06 | 0.03328 | 1.745e-06 | ~:0(<built-in method builtins.getattr>) |
| 5273 | 0.03158 | 5.989e-06 | 2.551 | 0.0004838 | <__array_function__ internals>:177(copyto) |
| 4384 | 0.03133 | 7.147e-06 | 0.141 | 3.216e-05 | _tensor.py:688(__iter__) |
| 1096 | 0.0305 | 2.783e-05 | 0.322 | 0.0002938 | main.py:387(loitering_module) |
| 1096 | 0.03047 | 2.78e-05 | 0.07263 | 6.626e-05 | shape_base.py:357(stack) |
| 8850 | 0.02976 | 3.362e-06 | 0.9306 | 0.0001051 | ~:0(<method 'clip' of 'numpy.ndarray' objects>) |
| 1365 | 0.02935 | 2.15e-05 | 0.08224 | 6.025e-05 | arrayprint.py:452(_get_format_function) |
| 1530 | 0.02909 | 1.901e-05 | 0.02909 | 1.901e-05 | ~:0(<built-in method now>) |
| 3692 | 0.02861 | 7.748e-06 | 0.04682 | 1.268e-05 | module.py:1188(__setattr__) |
| 2192 | 0.02855 | 1.302e-05 | 0.03446 | 1.572e-05 | byte_tracker.py:306(sub_stracks) |
| 1530 | 0.02801 | 1.831e-05 | 0.02801 | 1.831e-05 | ~:0(<method 'writerow' of '_csv.writer' objects>) |
| 1365 | 0.02689 | 1.97e-05 | 0.4073 | 0.0002984 | arrayprint.py:561(array2string) |
| 15652 | 0.02682 | 1.713e-06 | 0.02682 | 1.713e-06 | numerictypes.py:582(<listcomp>) |
| 312 | 0.02636 | 8.449e-05 | 0.02636 | 8.449e-05 | ~:0(<method 'set_' of 'torch._C._TensorBase' objects>) |
| 1530 | 0.02603 | 1.701e-05 | 0.02603 | 1.701e-05 | ~:0(<method 'timetuple' of 'datetime.datetime' objects>) |
| 52 | 0.02596 | 0.0004993 | 0.02616 | 0.0005031 | serialization.py:242(__init__) |
| 1092 | 0.02518 | 2.306e-05 | 0.2446 | 0.000224 | fromnumeric.py:3441(std) |
| 1365 | 0.02457 | 1.8e-05 | 0.1183 | 8.664e-05 | byte_tracker.py:15(__init__) |
| 1553 | 0.02441 | 1.572e-05 | 0.08323 | 5.36e-05 | numeric.py:76(zeros_like) |
| 2684 | 0.02284 | 8.51e-06 | 0.1312 | 4.888e-05 | linalg.py:2738(_multi_dot_three) |
| 1096 | 0.0227 | 2.071e-05 | 0.0227 | 2.071e-05 | ~:0(<built-in method from_numpy>) |
| 3288 | 0.02261 | 6.876e-06 | 0.02729 | 8.3e-06 | byte_tracker.py:292(joint_stracks) |
| 1365 | 0.0226 | 1.656e-05 | 0.06672 | 4.888e-05 | _dtype.py:344(_name_get) |
| 624 | 0.0221 | 3.541e-05 | 0.02998 | 4.804e-05 | storage.py:223(__init__) |
| 1096 | 0.02204 | 2.011e-05 | 0.08637 | 7.881e-05 | main.py:343(crowd_density_module) |
| 3060 | 0.02174 | 7.104e-06 | 0.02585 | 8.447e-06 | _handler.py:110(_protected_lock) |
| 1092 | 0.0216 | 1.978e-05 | 0.0233 | 2.134e-05 | _methods.py:66(_count_reduce_items) |
| 312 | 0.02154 | 6.904e-05 | 0.0814 | 0.0002609 | serialization.py:994(load_tensor) |
| 10710 | 0.02131 | 1.99e-06 | 0.03132 | 2.925e-06 | _datetime.py:79(get) |
| 1092 | 0.02125 | 1.946e-05 | 0.2194 | 0.000201 | _methods.py:263(_std) |

| ncalls | tottime | percall | cumtime | percall | filename:lineno(function) |
|---|---|---|---|---|---|
| 1365 | 0.0211 | 1.546e-05 | 0.0211 | 1.546e-05 | ~:0(<getTextSize>) |
| 3060 | 0.02106 | 6.882e-06 | 0.02106 | 6.882e-06 | ~:0(<method 'timestamp' of 'datetime.datetime' objects>) |
| 5460 | 0.02083 | 3.816e-06 | 0.05382 | 9.856e-06 | arrayprint.py:753(_extendLine_pretty) |
| 2190 | 0.02045 | 9.339e-06 | 0.08466 | 3.866e-05 | numeric.py:218(ones_like) |
| 2684 | 0.02022 | 7.532e-06 | 0.02633 | 9.81e-06 | blas.py:384(getter) |
| 1365 | 0.02018 | 1.478e-05 | 0.03786 | 2.773e-05 | arrayprint.py:64(_make_options_dict) |
| 312 | 0.02006 | 6.43e-05 | 0.02071 | 6.637e-05 | ~:0(<built-in method builtins.eval>) |
| 3609 | 0.02005 | 5.555e-06 | 0.02005 | 5.555e-06 | ~:0(<method 'numpy' of 'torch._C._TensorBase' objects>) |
| 1530 | 0.01974 | 1.29e-05 | 1.165 | 0.0007614 | _logger.py:2042(info) |
| 3743 | 0.01966 | 5.253e-06 | 0.05799 | 1.549e-05 | <__array_function__ internals>:177(empty_like) |
| 5460 | 0.01953 | 3.577e-06 | 0.02568 | 4.704e-06 | arrayprint.py:739(_extendLine) |
| 30696 | 0.01851 | 6.03e-07 | 0.01851 | 6.03e-07 | ~:0(<method 'append' of 'list' objects>) |
| 1365 | 0.01844 | 1.351e-05 | 0.3358 | 0.000246 | arrayprint.py:506(wrapper) |
| 20800 | 0.01824 | 8.769e-07 | 0.01824 | 8.769e-07 | ~:0(<built-in method numpy.asanyarray>) |
| 33275 | 0.01785 | 5.364e-07 | 0.01785 | 5.364e-07 | ~:0(<method 'get' of 'dict' objects>) |
| 8220 | 0.01757 | 2.137e-06 | 0.0308 | 3.746e-06 | ~:0(<built-in method builtins.hasattr>) |
| 1530 | 0.01755 | 1.147e-05 | 0.01755 | 1.147e-05 | ~:0(<built-in method time.localtime>) |
| 1096 | 0.01746 | 1.593e-05 | 0.2159 | 0.000197 | byte_tracker.py:189(<listcomp>) |
| 208 | 0.017 | 8.171e-05 | 0.03859 | 0.0001855 | module.py:1346(_load_from_state_dict) |
| 4962 | 0.01677 | 3.38e-06 | 0.1285 | 2.59e-05 | <__array_function__ internals>:177(diag) |
| 2895 | 0.01663 | 5.743e-06 | 0.2258 | 7.8e-05 | <__array_function__ internals>:177(expand_dims) |
| 1530 | 0.0161 | 1.053e-05 | 0.0161 | 1.053e-05 | ~:0(<method 'argsort' of 'numpy.ndarray' objects>) |
| 4384 | 0.01604 | 3.659e-06 | 0.2669 | 6.087e-05 | matching.py:86(<listcomp>) |
| 1530 | 0.01535 | 1.004e-05 | 0.06601 | 4.314e-05 | <__array_function__ internals>:177(transpose) |
| 1530 | 0.01534 | 1.002e-05 | 0.02705 | 1.768e-05 | posixpath.py:140(basename) |
| 1582 | 0.01472 | 9.305e-06 | 0.0174 | 1.1e-05 | contextlib.py:82(__init__) |
| 1530 | 0.01443 | 9.431e-06 | 0.02632 | 1.72e-05 | _bootlocale.py:33(getpreferredencoding) |
| 3060 | 0.01433 | 4.682e-06 | 0.08563 | 2.798e-05 | calendar.py:58(__getitem__) |
| 1365 | 0.01425 | 1.044e-05 | 0.01425 | 1.044e-05 | arrayprint.py:1403(dtype_is_implied) |
| 2625 | 0.01404 | 5.35e-06 | 0.01404 | 5.35e-06 | ~:0(<method 'transpose' of 'numpy.ndarray' objects>) |
| 52 | 0.01373 | 0.000264 | 0.03454 | 0.0006643 | extmath.py:970(_incremental_mean_and_var) |
| 1530 | 0.01352 | 8.834e-06 | 0.01352 | 8.834e-06 | ~:0(<built-in method _csv.writer>) |
| 3324 | 0.01309 | 3.937e-06 | 0.04445 | 1.337e-05 | <__array_function__ internals>:177(where) |
| 3557 | 0.01305 | 3.669e-06 | 0.03545 | 9.967e-06 | _tensor.py:728(__array__) |
| 1096 | 0.01294 | 1.18e-05 | 0.05341 | 4.873e-05 | _tensor.py:738(__array_wrap__) |
| 2214 | 0.01284 | 5.8e-06 | 0.05573 | 2.517e-05 | <__array_function__ internals>:177(concatenate) |
| 1530 | 0.01255 | 8.203e-06 | 0.02829 | 1.849e-05 | posixpath.py:117(splitext) |
| 1118 | 0.01254 | 1.122e-05 | 0.1275 | 0.0001141 | numerictypes.py:597(find_common_type) |
| 7984 | 0.01252 | 1.568e-06 | 0.01252 | 1.568e-06 | ~:0(<method 'dim' of 'torch._C._TensorBase' objects>) |
| 1530 | 0.01222 | 7.985e-06 | 0.04451 | 2.909e-05 | fromnumeric.py:198(reshape) |
| 1530 | 0.01219 | 7.965e-06 | 0.09464 | 6.186e-05 | _simple_sinks.py:15(write) |
| 52 | 0.01219 | 0.0002345 | 0.1474 | 0.002834 | ~:0(<method 'load' of '_pickle.Unpickler' objects>) |
| 1530 | 0.01202 | 7.855e-06 | 0.01202 | 7.855e-06 | ~:0(<method 'replace' of 'datetime.time' objects>) |
| 1530 | 0.01189 | 7.774e-06 | 0.01189 | 7.774e-06 | ~:0(<built-in method _locale.nl_langinfo>) |
| 434 | 0.01184 | 2.727e-05 | 0.01184 | 2.727e-05 | ~:0(<built-in method builtins.print>) |
| 1521 | 0.01178 | 7.747e-06 | 0.02638 | 1.734e-05 | numerictypes.py:356(issubdtype) |
| 1365 | 0.01168 | 8.555e-06 | 0.01168 | 8.555e-06 | ~:0(<built-in method builtins.locals>) |
| 5955 | 0.01158 | 1.945e-06 | 0.01158 | 1.945e-06 | ~:0(<method 'rfind' of 'str' objects>) |
| 14937 | 0.01146 | 7.674e-07 | 0.01146 | 7.674e-07 | ~:0(<built-in method builtins.issubclass>) |
| 2895 | 0.01146 | 3.959e-06 | 0.01472 | 5.085e-06 | shape_base.py:600(<listcomp>) |
| 1530 | 0.01133 | 7.403e-06 | 0.06969 | 4.555e-05 | <__array_function__ internals>:177(reshape) |
| 3060 | 0.01123 | 3.671e-06 | 0.05929 | 1.938e-05 | calendar.py:77(__getitem__) |
| 1582 | 0.01107 | 6.997e-06 | 0.02486 | 1.571e-05 | contextlib.py:117(__exit__) |
| 1365 | 0.01092 | 8.003e-06 | 0.03455 | 2.531e-05 | _dtype.py:330(_name_includes_bit_suffix) |
| 2288 | 0.01077 | 4.706e-06 | 0.01302 | 5.689e-06 | module.py:1172(__getattr__) |
| 2190 | 0.01056 | 4.824e-06 | 0.1077 | 4.92e-05 | <__array_function__ internals>:177(ones_like) |
| 3060 | 0.01049 | 3.428e-06 | 0.01049 | 3.428e-06 | ~:0(<built-in method time.time>) |
| 1530 | 0.01042 | 6.81e-06 | 0.01042 | 6.81e-06 | ~:0(<built-in method combine>) |
| 9119 | 0.01039 | 1.139e-06 | 0.03978 | 4.362e-06 | ~:0(<built-in method builtins.next>) |
| 19936 | 0.0101 | 5.064e-07 | 0.0101 | 5.064e-07 | fromnumeric.py:3117(_ndim_dispatcher) |
| 1530 | 0.01005 | 6.57e-06 | 0.01396 | 9.122e-06 | genericpath.py:121(_splitext) |
| 10710 | 0.01001 | 9.35e-07 | 0.01001 | 9.35e-07 | ~:0(<method 'group' of 're.Match' objects>) |
| 2895 | 0.009788 | 3.381e-06 | 0.01552 | 5.362e-06 | numeric.py:1397(<listcomp>) |
| 4384 | 0.009776 | 2.23e-06 | 0.1236 | 2.819e-05 | matching.py:87(<listcomp>) |
| 3042 | 0.009709 | 3.192e-06 | 0.01395 | 4.586e-06 | numerictypes.py:282(issubclass_) |
| 1343 | 0.009591 | 7.142e-06 | 0.009591 | 7.142e-06 | ~:0(<method 'tolist' of 'torch._C._TensorBase' objects>) |
| 13420 | 0.009496 | 7.076e-07 | 0.009496 | 7.076e-07 | linalg.py:2612(_multidot_dispatcher) |
| 1096 | 0.009187 | 8.382e-06 | 0.009187 | 8.382e-06 | byte_tracker.py:230(<listcomp>) |
| 2684 | 0.009016 | 3.359e-06 | 0.2275 | 8.475e-05 | <__array_function__ internals>:177(multi_dot) |
| 1342 | 0.008967 | 6.682e-06 | 0.01113 | 8.293e-06 | shape_base.py:81(atleast_2d) |
| 1553 | 0.008945 | 5.76e-06 | 0.1026 | 6.608e-05 | <__array_function__ internals>:177(zeros_like) |

| ncalls | tottime | percall | cumtime | percall | filename:lineno(function) |
|---|---|---|---|---|---|
| 1530 | 0.0089 | 5.817e-06 | 0.01903 | 1.244e-05 | process.py:234(ident) |
| 5083 | 0.008723 | 1.716e-06 | 0.008723 | 1.716e-06 | ~:0(<built-in method numpy.core._multiarray_umath.normalize_axis_index>) |
| 3775 | 0.008573 | 2.271e-06 | 0.008573 | 2.271e-06 | ~:0(<built-in method builtins.max>) |
| 52 | 0.008514 | 0.0001637 | 0.8833 | 0.01699 | main.py:453(infer) |
| 1530 | 0.008429 | 5.509e-06 | 0.03389 | 2.215e-05 | fromnumeric.py:601(transpose) |
| 1365 | 0.008346 | 6.114e-06 | 0.1928 | 0.0001413 | arrayprint.py:780(_formatArray) |
| 104 | 0.008315 | 7.995e-05 | 0.008315 | 7.995e-05 | ~:0(<built-in method zeros>) |
| 1365 | 0.008253 | 6.046e-06 | 0.008253 | 6.046e-06 | plotting.py:85(__call__) |
| 1096 | 0.008142 | 7.429e-06 | 0.01831 | 1.671e-05 | main.py:325(concealment_module) |
| 1530 | 0.007946 | 5.193e-06 | 0.007946 | 5.193e-06 | ~:0(<method 'ravel' of 'numpy.ndarray' objects>) |
| 2684 | 0.007795 | 2.904e-06 | 0.01067 | 3.976e-06 | linalg.py:2710(<listcomp>) |
| 1582 | 0.007736 | 4.89e-06 | 0.02514 | 1.589e-05 | contextlib.py:238(helper) |
| 104 | 0.007728 | 7.431e-05 | 0.05471 | 0.0005261 | validation.py:644(check_array) |
| 1456 | 0.007593 | 5.215e-06 | 0.04077 | 2.8e-05 | rnn.py:126(__setattr__) |
| 1530 | 0.007574 | 4.95e-06 | 0.007574 | 4.95e-06 | ~:0(<built-in method posix.getpid>) |
| 8669 | 0.007469 | 8.616e-07 | 0.007469 | 8.616e-07 | ~:0(<built-in method torch._C._has_torch_function_unary>) |
| 1530 | 0.007388 | 4.829e-06 | 0.02989 | 1.954e-05 | fromnumeric.py:1012(argsort) |
| 312 | 0.007111 | 2.279e-05 | 0.007111 | 2.279e-05 | ~:0(<method 'copy_' of 'torch._C._TensorBase' objects>) |
| 1092 | 0.007089 | 6.491e-06 | 0.2594 | 0.0002376 | <__array_function__ internals>:177(std) |
| 12679 | 0.006795 | 5.359e-07 | 0.006795 | 5.359e-07 | multiarray.py:736(dot) |
| 1530 | 0.006784 | 4.434e-06 | 0.008305 | 5.428e-06 | threading.py:1306(current_thread) |
| 312 | 0.006746 | 2.162e-05 | 0.04695 | 0.0001505 | _tensor.py:169(storage) |
| 1530 | 0.006635 | 4.337e-06 | 0.0436 | 2.85e-05 | <__array_function__ internals>:177(argsort) |
| 1095 | 0.00663 | 6.055e-06 | 0.01717 | 1.568e-05 | byte_tracker.py:35(<listcomp>) |
| 208 | 0.006569 | 3.158e-05 | 0.04038 | 0.0001941 | module.py:254(__init__) |
| 104 | 0.006558 | 6.306e-05 | 0.02884 | 0.0002773 | validation.py:92(_assert_all_finite) |
| 7279 | 0.006517 | 8.954e-07 | 0.006517 | 8.954e-07 | ~:0(<built-in method builtins.iter>) |
| 1114 | 0.006362 | 5.711e-06 | 0.02909 | 2.611e-05 | <__array_function__ internals>:177(nonzero) |
| 8850 | 0.006132 | 6.929e-07 | 0.006132 | 6.929e-07 | fromnumeric.py:2081(_clip_dispatcher) |
| 1342 | 0.006105 | 4.549e-06 | 0.1467 | 0.0001093 | _decomp_cholesky.py:94(cho_factor) |
| 1342 | 0.006085 | 4.535e-06 | 0.02316 | 1.726e-05 | <__array_function__ internals>:177(atleast_2d) |
| 1582 | 0.006063 | 3.832e-06 | 0.02879 | 1.82e-05 | contextlib.py:108(__enter__) |
| 1530 | 0.00602 | 3.934e-06 | 0.00602 | 3.934e-06 | _recattrs.py:23(__init__) |
| 312 | 0.005891 | 1.888e-05 | 0.005891 | 1.888e-05 | ~:0(<built-in method empty>) |
| 1118 | 0.005772 | 5.163e-06 | 0.005772 | 5.163e-06 | numerictypes.py:649(<listcomp>) |
| 1096 | 0.005751 | 5.248e-06 | 0.09559 | 8.721e-05 | <__array_function__ internals>:177(stack) |
| 52 | 0.005689 | 0.0001094 | 0.1147 | 0.002206 | rnn.py:39(__init__) |
| 676 | 0.005491 | 8.123e-06 | 0.005868 | 8.68e-06 | grad_mode.py:121(__init__) |
| 1530 | 0.005379 | 3.516e-06 | 0.008803 | 5.753e-06 | _recattrs.py:16(__format__) |
| 1114 | 0.005359 | 4.811e-06 | 0.005359 | 4.811e-06 | ~:0(<method 'nonzero' of 'numpy.ndarray' objects>) |
| 2174 | 0.005344 | 2.458e-06 | 0.005344 | 2.458e-06 | ~:0(<built-in method numpy.empty>) |
| 2684 | 0.005174 | 1.928e-06 | 0.005174 | 1.928e-06 | linalg.py:188(_assert_2d) |
| 1352 | 0.005081 | 3.758e-06 | 0.007073 | 5.231e-06 | grad_mode.py:215(__init__) |
| 52 | 0.005047 | 9.705e-05 | 0.3077 | 0.005917 | main.py:447(forward) |
| 1365 | 0.004956 | 3.631e-06 | 0.004956 | 3.631e-06 | arrayprint.py:72(<dictcomp>) |
| 5460 | 0.004946 | 9.058e-07 | 0.004946 | 9.058e-07 | ~:0(<method 'splitlines' of 'str' objects>) |
| 8022 | 0.004853 | 6.05e-07 | 0.004853 | 6.05e-07 | ~:0(<built-in method builtins.abs>) |
| 52 | 0.004824 | 9.277e-05 | 0.156 | 0.002999 | serialization.py:989(_load) |
| 3416 | 0.004698 | 1.375e-06 | 0.004698 | 1.375e-06 | ~:0(<method 'copy' of 'dict' objects>) |
| 1096 | 0.004688 | 4.277e-06 | 0.009972 | 9.099e-06 | shape_base.py:348(_stack_dispatcher) |
| 1114 | 0.004653 | 4.177e-06 | 0.01671 | 1.5e-05 | fromnumeric.py:1866(nonzero) |
| 1114 | 0.00441 | 3.958e-06 | 0.02518 | 2.26e-05 | _methods.py:46(_sum) |
| 312 | 0.00427 | 1.369e-05 | 0.08987 | 0.0002881 | serialization.py:1004(persistent_load) |
| 1530 | 0.00421 | 2.752e-06 | 0.00421 | 2.752e-06 | codecs.py:186(__init__) |
| 1365 | 0.004148 | 3.039e-06 | 0.004148 | 3.039e-06 | ~:0(<built-in method builtins.round>) |
| 1618 | 0.004043 | 2.499e-06 | 0.004043 | 2.499e-06 | ~:0(<built-in method builtins.min>) |
| 1530 | 0.003997 | 2.612e-06 | 0.003997 | 2.612e-06 | _recattrs.py:8(__init__) |
| 5273 | 0.003986 | 7.56e-07 | 0.003986 | 7.56e-07 | multiarray.py:1071(copyto) |
| 1530 | 0.003921 | 2.563e-06 | 0.003921 | 2.563e-06 | threading.py:1047(ident) |
| 52 | 0.0039 | 7.5e-05 | 0.2927 | 0.00563 | rnn.py:713(forward) |
| 312 | 0.003832 | 1.228e-05 | 0.003832 | 1.228e-05 | ~:0(<built-in method _make_subclass>) |
| 1096 | 0.003813 | 3.479e-06 | 0.003813 | 3.479e-06 | shape_base.py:432(<listcomp>) |
| 1096 | 0.003801 | 3.468e-06 | 0.003801 | 3.468e-06 | byte_tracker.py:250(<listcomp>) |
| 1365 | 0.003773 | 2.764e-06 | 0.003773 | 2.764e-06 | _dtype.py:24(_kind_name) |
| 1096 | 0.003772 | 3.442e-06 | 0.003772 | 3.442e-06 | shape_base.py:424(<setcomp>) |
| 3064 | 0.003716 | 1.213e-06 | 0.003716 | 1.213e-06 | ~:0(<built-in method time.perf_counter>) |
| 208/52 | 0.003663 | 7.044e-05 | 0.309 | 0.005943 | module.py:1104(_call_impl) |
| 2162 | 0.003657 | 1.692e-06 | 0.003657 | 1.692e-06 | ~:0(<method 'endswith' of 'str' objects>) |
| 52 | 0.003641 | 7.002e-05 | 0.08199 | 0.001577 | _data.py:841(partial_fit) |
| 312 | 0.003625 | 1.162e-05 | 0.04003 | 0.0001283 | _utils.py:132(_rebuild_tensor) |
| 208/52 | 0.003598 | 6.919e-05 | 0.04246 | 0.0008165 | module.py:1475(load) |

| ncalls | tottime | percall | cumtime | percall | filename:lineno(function) |
|---|---|---|---|---|---|
| 1365 | 0.00359 | 2.63e-06 | 0.00359 | 2.63e-06 | ~:0(<method 'update' of 'dict' objects>) |
| 676 | 0.003578 | 5.292e-06 | 0.007926 | 1.173e-05 | grad_mode.py:126(__enter__) |
| 676 | 0.003433 | 5.078e-06 | 0.006981 | 1.033e-05 | grad_mode.py:130(__exit__) |
| 1530 | 0.003423 | 2.237e-06 | 0.003423 | 2.237e-06 | ~:0(<method '__format__' of 'str' objects>) |
| 1534 | 0.003313 | 2.16e-06 | 0.006565 | 4.28e-06 | posixpath.py:41(_get_sep) |
| 52 | 0.003307 | 6.36e-05 | 0.1985 | 0.003817 | serialization.py:607(load) |
| 4814 | 0.003207 | 6.661e-07 | 0.003207 | 6.661e-07 | ~:0(<method 'values' of 'dict' objects>) |
| 1530 | 0.003178 | 2.077e-06 | 0.003178 | 2.077e-06 | ~:0(<method 'flush' of '_io.TextIOWrapper' objects>) |
| 364 | 0.00317 | 8.71e-06 | 0.01427 | 3.919e-05 | fromnumeric.py:69(_wrapreduction) |
| 52 | 0.003155 | 6.066e-05 | 0.00335 | 6.443e-05 | ~:0(<built-in method builtins.__build_class__>) |
| 1096 | 0.003149 | 2.873e-06 | 0.005284 | 4.822e-06 | shape_base.py:207(_arrays_for_stack_dispatcher) |
| 2730 | 0.003147 | 1.153e-06 | 0.003147 | 1.153e-06 | arrayprint.py:427(indirect) |
| 1365 | 0.00313 | 2.293e-06 | 0.00313 | 2.293e-06 | arrayprint.py:431(<listcomp>) |
| 52 | 0.003095 | 5.953e-05 | 0.003589 | 6.903e-05 | _data.py:71(_is_constant_feature) |
| 52 | 0.003091 | 5.944e-05 | 0.03307 | 0.0006359 | _data.py:988(transform) |
| 1530 | 0.003089 | 2.019e-06 | 0.003089 | 2.019e-06 | _recattrs.py:51(__init__) |
| 4 | 0.003014 | 0.0007535 | 0.003014 | 0.0007535 | ~:0(<method 'release' of 'cv2.VideoCapture' objects>) |
| 104 | 0.002933 | 2.82e-05 | 0.06103 | 0.0005868 | base.py:509(_validate_data) |
| 312 | 0.002913 | 9.337e-06 | 0.00737 | 2.362e-05 | _ufunc_config.py:32(seterr) |
| 3874 | 0.002871 | 7.41e-07 | 0.002871 | 7.41e-07 | ~:0(<method 'keys' of 'dict' objects>) |
| 312 | 0.002856 | 9.155e-06 | 0.007702 | 2.469e-05 | module.py:328(register_parameter) |
| 1096 | 0.002847 | 2.598e-06 | 0.002847 | 2.598e-06 | byte_tracker.py:278(<listcomp>) |
| 2895 | 0.002839 | 9.806e-07 | 0.002839 | 9.806e-07 | ~:0(<built-in method _thread.get_ident>) |
| 52 | 0.002831 | 5.445e-05 | 0.002831 | 5.445e-05 | ~:0(<built-in method torch._C._nn.linear>) |
| 1096 | 0.002795 | 2.55e-06 | 0.003611 | 3.295e-06 | shape_base.py:420(<listcomp>) |
| 3743 | 0.002782 | 7.433e-07 | 0.002782 | 7.433e-07 | multiarray.py:80(empty_like) |
| 4962 | 0.002771 | 5.584e-07 | 0.002771 | 5.584e-07 | twodim_base.py:236(_diag_dispatcher) |
| 1096 | 0.002767 | 2.524e-06 | 0.002767 | 2.524e-06 | byte_tracker.py:328(<listcomp>) |
| 1530 | 0.002717 | 1.776e-06 | 0.002717 | 1.776e-06 | ~:0(<method 'total_seconds' of 'datetime.timedelta' objects>) |
| 107 | 0.002662 | 2.488e-05 | 0.004195 | 3.921e-05 | warnings.py:35(_formatwarnmsg_impl) |
| 1095 | 0.002644 | 2.415e-06 | 0.002644 | 2.415e-06 | byte_tracker.py:36(<listcomp>) |
| 312 | 0.002577 | 8.258e-06 | 0.002682 | 8.595e-06 | _utils.py:549(_element_size) |
| 312 | 0.002577 | 8.26e-06 | 0.002768 | 8.87e-06 | _ufunc_config.py:131(geterr) |
| 260 | 0.002569 | 9.881e-06 | 0.0483 | 0.0001858 | init.py:12(_no_grad_uniform_) |
| 1530 | 0.002558 | 1.672e-06 | 0.002558 | 1.672e-06 | process.py:99(_check_closed) |
| 624 | 0.00252 | 4.039e-06 | 0.003367 | 5.396e-06 | _utils.py:570(__get__) |
| 2895 | 0.002502 | 8.641e-07 | 0.002502 | 8.641e-07 | shape_base.py:508(_expand_dims_dispatcher) |
| 52 | 0.002489 | 4.786e-05 | 0.1658 | 0.003189 | main.py:441(__init__) |
| 261 | 0.002484 | 9.516e-06 | 0.004727 | 1.811e-05 | main.py:377(calculate_overlap) |
| 1781 | 0.002445 | 1.373e-06 | 0.002445 | 1.373e-06 | ~:0(<built-in method builtins.id>) |
| 312 | 0.002438 | 7.813e-06 | 0.01501 | 4.812e-05 | fromnumeric.py:2162(sum) |
| 754 | 0.002365 | 3.136e-06 | 0.02532 | 3.358e-05 | _methods.py:38(_amax) |
| 1530 | 0.002344 | 1.532e-06 | 0.002344 | 1.532e-06 | process.py:189(name) |
| 1530 | 0.002337 | 1.527e-06 | 0.002337 | 1.527e-06 | fromnumeric.py:597(_transpose_dispatcher) |
| 3324 | 0.002295 | 6.904e-07 | 0.002295 | 6.904e-07 | multiarray.py:341(where) |
| 1530 | 0.002256 | 1.474e-06 | 0.002256 | 1.474e-06 | _recattrs.py:37(__init__) |
| 1530 | 0.002207 | 1.443e-06 | 0.002207 | 1.443e-06 | process.py:37(current_process) |
| 208/52 | 0.002158 | 4.151e-05 | 0.008873 | 0.0001706 | module.py:1713(train) |
| 2684 | 0.002146 | 7.996e-07 | 0.002146 | 7.996e-07 | _misc.py:181(_datacopied) |
| 624 | 0.00214 | 3.43e-06 | 0.002759 | 4.422e-06 | _array_api.py:227(__getattr__) |
| 1530 | 0.002069 | 1.352e-06 | 0.002069 | 1.352e-06 | ~:0(<built-in method builtins.divmod>) |
| 156 | 0.002067 | 1.325e-05 | 0.01231 | 7.891e-05 | extmath.py:940(_safe_accumulator_op) |
| 312 | 0.002041 | 6.54e-06 | 0.04207 | 0.0001348 | _utils.py:138(_rebuild_tensor_v2) |
| 3064 | 0.002005 | 6.545e-07 | 0.002005 | 6.545e-07 | ~:0(<built-in method posix.fspath>) |
| 2214 | 0.001994 | 9.005e-07 | 0.001994 | 9.005e-07 | multiarray.py:148(concatenate) |
| 260 | 0.001984 | 7.63e-06 | 0.004729 | 1.819e-05 | module.py:1501(_named_members) |
| 2255 | 0.001974 | 8.754e-07 | 0.001974 | 8.754e-07 | basetrack.py:30(end_frame) |
| 1096 | 0.001937 | 1.768e-06 | 0.001937 | 1.768e-06 | byte_tracker.py:287(<listcomp>) |
| 104 | 0.00193 | 1.856e-05 | 0.004242 | 4.079e-05 | validation.py:330(_num_samples) |
| 52 | 0.001928 | 3.709e-05 | 0.09176 | 0.001765 | base.py:1135(wrapper) |
| 1530 | 0.001927 | 1.26e-06 | 0.001927 | 1.26e-06 | ~:0(<built-in method sys._getframe>) |
| 52 | 0.001923 | 3.698e-05 | 0.0294 | 0.0005654 | linear.py:79(__init__) |
| 1530 | 0.001866 | 1.22e-06 | 0.001866 | 1.22e-06 | threading.py:1031(name) |
| 2028 | 0.001843 | 9.086e-07 | 0.001843 | 9.086e-07 | ~:0(<built-in method torch._C.is_grad_enabled>) |
| 1781 | 0.001837 | 1.031e-06 | 0.002335 | 1.311e-06 | ~:0(<method 'add' of 'set' objects>) |
| 2770 | 0.001787 | 6.452e-07 | 0.001787 | 6.452e-07 | ~:0(<method 'items' of 'dict' objects>) |
| 1365 | 0.001731 | 1.268e-06 | 0.001731 | 1.268e-06 | ~:0(<method 'rstrip' of 'str' objects>) |
| 208 | 0.001713 | 8.234e-06 | 0.001713 | 8.234e-06 | ~:0(<method 'read' of '_io.BufferedReader' objects>) |
| 1530 | 0.001704 | 1.114e-06 | 0.001704 | 1.114e-06 | ~:0(<method 'time' of 'datetime.datetime' objects>) |
| 104 | 0.001647 | 1.583e-05 | 0.002459 | 2.365e-05 | _config.py:50(set_config) |
| 1530 | 0.001628 | 1.064e-06 | 0.001628 | 1.064e-06 | fromnumeric.py:193(_reshape_dispatcher) |

| ncalls | tottime | percall | cumtime | percall | filename:lineno(function) |
| --- | --- | --- | --- | --- | --- |
| 1365 | 0.001618 | 1.185e-06 | 0.001618 | 1.185e-06 | ~:0(<method 'discard' of 'set' objects>) |
| 1530 | 0.001612 | 1.054e-06 | 0.001612 | 1.054e-06 | ~:0(<method 'date' of 'datetime.datetime' objects>) |
| 52 | 0.001583 | 3.043e-05 | 0.001798 | 3.459e-05 | rnn.py:133(flatten_parameters) |
| 1530 | 0.001566 | 1.024e-06 | 0.001566 | 1.024e-06 | ~:0(<method 'tzname' of 'datetime.timezone' objects>) |
| 52 | 0.001554 | 2.989e-05 | 0.01155 | 0.0002221 | linear.py:92(reset_parameters) |
| 2190 | 0.00155 | 7.078e-07 | 0.00155 | 7.078e-07 | numeric.py:214(_ones_like_dispatcher) |
| 208 | 0.001542 | 7.414e-06 | 0.001542 | 7.414e-06 | ~:0(<built-in method torch._C._log_api_usage_once>) |
| 1564 | 0.001533 | 9.8e-07 | 0.001533 | 9.8e-07 | ~:0(<method 'startswith' of 'str' objects>) |
| 1096 | 0.001489 | 1.358e-06 | 0.001489 | 1.358e-06 | byte_tracker.py:329(<listcomp>) |
| 624 | 0.001465 | 2.348e-06 | 0.001465 | 2.348e-06 | storage.py:225(<dictcomp>) |
| 520 | 0.00146 | 2.809e-06 | 0.003466 | 6.666e-06 | _config.py:32(get_config) |
| 1530 | 0.001447 | 9.455e-07 | 0.001447 | 9.455e-07 | ~:0(<method 'get' of 'ContextVar' objects>) |
| 52 | 0.001445 | 2.78e-05 | 0.001445 | 2.78e-05 | ~:0(<method 'unsqueeze' of 'torch._C._TensorBase' objects>) |
| 104 | 0.001435 | 1.379e-05 | 0.002593 | 2.494e-05 | _array_api.py:87(_isdtype_single) |
| 52 | 0.001435 | 2.759e-05 | 0.05427 | 0.001044 | rnn.py:193(reset_parameters) |
| 104 | 0.001387 | 1.334e-05 | 0.001387 | 1.334e-05 | ~:0(<function _load.<locals>.UnpicklerWrapper.find_class at 0x7ecf389f70>) |
| 2244 | 0.001374 | 6.123e-07 | 0.001374 | 6.123e-07 | ~:0(<method 'extend' of 'list' objects>) |
| 104 | 0.001365 | 1.312e-05 | 0.001365 | 1.312e-05 | ~:0(<method 'clear' of 'list' objects>) |
| 52 | 0.001364 | 2.624e-05 | 0.006251 | 0.0001202 | init.py:366(kaiming_uniform_) |
| 1114 | 0.001351 | 1.213e-06 | 0.001351 | 1.213e-06 | fromnumeric.py:1862(_nonzero_dispatcher) |
| 1553 | 0.001337 | 8.611e-07 | 0.001337 | 8.611e-07 | numeric.py:72(_zeros_like_dispatcher) |
| 364 | 0.001312 | 3.605e-06 | 0.001499 | 4.118e-06 | module.py:1621(named_children) |
| 156 | 0.001306 | 8.37e-06 | 0.004505 | 2.888e-05 | _array_api.py:360(_asarray_with_order) |
| 104 | 0.001282 | 1.233e-05 | 0.001625 | 1.562e-05 | validation.py:277(_num_features) |
| 52 | 0.001281 | 2.463e-05 | 0.001281 | 2.463e-05 | ~:0(<built-in method sigmoid>) |
| 1530 | 0.001279 | 8.359e-07 | 0.001279 | 8.359e-07 | codecs.py:214(setstate) |
| 312 | 0.00127 | 4.07e-06 | 0.01806 | 5.79e-05 | <__array_function__ internals>:177(sum) |
| 23 | 0.001208 | 5.252e-05 | 0.007835 | 0.0003406 | kalman_filter.py:55(initiate) |
| 104 | 0.001203 | 1.157e-05 | 0.001287 | 1.237e-05 | warnings.py:458(__enter__) |
| 312 | 0.001188 | 3.808e-06 | 0.001188 | 3.808e-06 | ~:0(<built-in method numpy.seterrobj>) |
| 1365 | 0.001176 | 8.618e-07 | 0.001176 | 8.618e-07 | ~:0(<method 'isalnum' of 'str' objects>) |
| 52 | 0.001168 | 2.246e-05 | 0.001168 | 2.246e-05 | ~:0(<method 'close' of '_io.BufferedReader' objects>) |
| 520 | 0.001163 | 2.237e-06 | 0.001163 | 2.237e-06 | ~:0(<method 'size' of 'torch._C._TensorBase' objects>) |
| 52 | 0.001159 | 2.228e-05 | 0.04419 | 0.0008498 | module.py:1440(load_state_dict) |
| 52 | 0.001155 | 2.222e-05 | 0.003351 | 6.443e-05 | serialization.py:46(_is_zipfile) |
| 416 | 0.00115 | 2.763e-06 | 0.001599 | 3.844e-06 | _tensor.py:706(__hash__) |
| 208 | 0.001149 | 5.525e-06 | 0.002087 | 1.004e-05 | _array_api.py:70(_is_numpy_namespace) |
| 156 | 0.001147 | 7.355e-06 | 0.003249 | 2.083e-05 | serialization.py:1032(find_class) |
| 1365 | 0.001137 | 8.328e-07 | 0.001137 | 8.328e-07 | ~:0(<method 'isalpha' of 'str' objects>) |
| 364 | 0.001114 | 3.06e-06 | 0.002613 | 7.178e-06 | module.py:1612(children) |
| 1530 | 0.00111 | 7.253e-07 | 0.00111 | 7.253e-07 | fromnumeric.py:1008(_argsort_dispatcher) |
| 104/52 | 0.001089 | 2.094e-05 | 0.1295 | 0.00249 | _set_output.py:155(wrapped) |
| 104 | 0.001073 | 1.032e-05 | 0.001785 | 1.716e-05 | warnings.py:181(_add_filter) |
| 208 | 0.001057 | 5.082e-06 | 0.001761 | 8.466e-06 | ~:0(<built-in method _abc._abc_instancecheck>) |
| 624 | 0.001048 | 1.679e-06 | 0.001775 | 2.844e-06 | _config.py:24(_get_threadlocal_config) |
| 104 | 0.001042 | 1.002e-05 | 0.001946 | 1.871e-05 | validation.py:1398(<listcomp>) |
| 260 | 0.001029 | 3.957e-06 | 0.04947 | 0.0001903 | init.py:122(uniform_) |
| 104 | 0.0009986 | 9.602e-06 | 0.003567 | 3.43e-05 | validation.py:1366(_is_fitted) |
| 312 | 0.0009884 | 3.168e-06 | 0.001305 | 4.182e-06 | serialization.py:174(default_restore_location) |
| 1352 | 0.000973 | 7.196e-07 | 0.000973 | 7.196e-07 | ~:0(<built-in method torch._C._set_grad_enabled>) |
| 312 | 0.0009711 | 3.112e-06 | 0.004803 | 1.54e-05 | parameter.py:23(__new__) |
| 104 | 0.0009446 | 9.083e-06 | 0.004371 | 4.203e-05 | _array_api.py:75(isdtype) |
| 52 | 0.0009412 | 1.81e-05 | 0.0009412 | 1.81e-05 | serialization.py:1053(_is_torchscript_zip) |
| 364 | 0.0009357 | 2.571e-06 | 0.0009357 | 2.571e-06 | fromnumeric.py:70(<dictcomp>) |
| 468 | 0.0009327 | 1.993e-06 | 0.0009327 | 1.993e-06 | module.py:1189(remove_from) |
| 107 | 0.0009303 | 8.695e-06 | 0.009562 | 8.937e-05 | warnings.py:20(_showwarnmsg_impl) |
| 52 | 0.0009219 | 1.773e-05 | 0.0009219 | 1.773e-05 | ~:0(<method 'squeeze' of 'torch._C._TensorBase' objects>) |
| 52 | 0.0008927 | 1.717e-05 | 0.002415 | 4.644e-05 | rnn.py:679(check_forward_args) |
| 208 | 0.0008836 | 4.248e-06 | 0.0008836 | 4.248e-06 | module.py:1384(<dictcomp>) |
| 107 | 0.0008831 | 8.253e-06 | 0.0008831 | 8.253e-06 | warnings.py:403(__init__) |
| 52 | 0.000877 | 1.686e-05 | 0.002259 | 4.345e-05 | _data.py:87(_handle_zeros_in_scale) |
| 1092 | 0.0008752 | 8.014e-07 | 0.0008752 | 8.014e-07 | fromnumeric.py:3436(_std_dispatcher) |
| 23 | 0.0008551 | 3.718e-05 | 0.01017 | 0.0004421 | byte_tracker.py:45(activate) |
| 156 | 0.0008519 | 5.461e-06 | 0.005294 | 3.393e-05 | _ufunc_config.py:429(__enter__) |
| 1342 | 0.000847 | 6.311e-07 | 0.000847 | 6.311e-07 | shape_base.py:77(_atleast_2d_dispatcher) |
| 624 | 0.0008469 | 1.357e-06 | 0.0008469 | 1.357e-06 | __init__.py:606(dtype) |
| 156 | 0.0008462 | 5.424e-06 | 0.003775 | 2.42e-05 | _ufunc_config.py:434(__exit__) |
| 208 | 0.0008355 | 4.017e-06 | 0.009637 | 4.633e-05 | ~:0(<built-in method builtins.setattr>) |
| 52 | 0.0008336 | 1.603e-05 | 0.003919 | 7.537e-05 | linear.py:102(forward) |
| 624 | 0.0008172 | 1.31e-06 | 0.00135 | 2.164e-06 | serialization.py:949(_maybe_decode_ascii) |
| 260 | 0.0008005 | 3.079e-06 | 0.001212 | 4.663e-06 | _array_api.py:247(asarray) |

| ncalls | tottime | percall | cumtime | percall | filename:lineno(function) |
|---|---|---|---|---|---|
| 1365 | 0.0007923 | 5.805e-07 | 0.0007923 | 5.805e-07 | arrayprint.py:428(<lambda>) |
| 1118 | 0.000782 | 6.994e-07 | 0.000782 | 6.994e-07 | numerictypes.py:650(<listcomp>) |
| 52 | 0.0007555 | 1.453e-05 | 0.002455 | 4.721e-05 | _methods.py:277(_ptp) |
| 104 | 0.0007485 | 7.197e-06 | 0.003547 | 3.41e-05 | _config.py:196(config_context) |
| 1530 | 0.0007478 | 4.887e-07 | 0.0007478 | 4.887e-07 | ~:0(<method 'utcoffset' of 'datetime.timezone' objects>) |
| 52 | 0.0007452 | 1.433e-05 | 0.1155 | 0.002221 | rnn.py:664(__init__) |
| 104 | 0.0007402 | 7.117e-06 | 0.001373 | 1.32e-05 | init.py:284(_calculate_fan_in_and_fan_out) |
| 52 | 0.000737 | 1.417e-05 | 0.000737 | 1.417e-05 | ~:0(<method 'cpu' of 'torch._C._TensorBase' objects>) |
| 208 | 0.0007223 | 3.473e-06 | 0.002056 | 9.885e-06 | _array_api.py:289(get_namespace) |
| 936 | 0.00072 | 7.692e-07 | 0.00072 | 7.692e-07 | storage.py:319(_untyped) |
| 624 | 0.0006918 | 1.109e-06 | 0.0006918 | 1.109e-06 | ~:0(<built-in method numpy.geterrobj>) |
| 52 | 0.0006803 | 1.308e-05 | 0.0008007 | 1.54e-05 | init.py:67(calculate_gain) |
| 104 | 0.0006681 | 6.424e-06 | 0.001392 | 1.338e-05 | _set_output.py:63(_get_output_config) |
| 312 | 0.0006681 | 2.141e-06 | 0.0006681 | 2.141e-06 | overrides.py:1552(is_tensor_like) |
| 312 | 0.0006651 | 2.132e-06 | 0.0006651 | 2.132e-06 | ~:0(<method '_storage' of 'torch._C._TensorBase' objects>) |
| 624 | 0.0006622 | 1.061e-06 | 0.0006622 | 1.061e-06 | ~:0(<method 'split' of 'str' objects>) |
| 107 | 0.0006584 | 6.153e-06 | 0.001371 | 1.281e-05 | linecache.py:15(getline) |
| 52 | 0.0006534 | 1.256e-05 | 0.001363 | 2.621e-05 | numeric.py:1873(isscalar) |
| 104 | 0.0006459 | 6.211e-06 | 0.00247 | 2.375e-05 | warnings.py:165(simplefilter) |
| 52 | 0.000628 | 1.208e-05 | 0.003083 | 5.929e-05 | fromnumeric.py:2578(ptp) |
| 52 | 0.0006225 | 1.197e-05 | 0.1283 | 0.002467 | base.py:888(fit_transform) |
| 260 | 0.0006041 | 2.323e-06 | 0.005333 | 2.051e-05 | module.py:1538(named_parameters) |
| 104 | 0.0005642 | 5.425e-06 | 0.0006104 | 5.87e-06 | warnings.py:477(__exit__) |
| 52 | 0.0005594 | 1.076e-05 | 0.0006348 | 1.221e-05 | _data.py:801(_reset) |
| 104 | 0.0005475 | 5.264e-06 | 0.0005475 | 5.264e-06 | warnings.py:437(__init__) |
| 107 | 0.0005445 | 5.088e-06 | 0.0006416 | 5.997e-06 | linecache.py:37(getlines) |
| 208 | 0.0005386 | 2.589e-06 | 0.003132 | 1.506e-05 | _array_api.py:82(<genexpr>) |
| 107 | 0.0005294 | 4.948e-06 | 0.01009 | 9.431e-05 | warnings.py:96(_showwarnmsg) |
| 260 | 0.0005285 | 2.033e-06 | 0.005861 | 2.254e-05 | module.py:1514(parameters) |
| 52 | 0.0005279 | 1.015e-05 | 0.09292 | 0.001787 | _data.py:814(fit) |
| 104 | 0.000526 | 5.058e-06 | 0.004897 | 4.709e-05 | _array_api.py:282(isdtype) |
| 104 | 0.0005235 | 5.034e-06 | 0.00219 | 2.106e-05 | base.py:374(_check_n_features) |
| 20 | 0.000522 | 2.61e-05 | 0.008702 | 0.0004351 | byte_tracker.py:59(re_activate) |
| 112/105 | 0.0005171 | 4.924e-06 | 0.0005243 | 4.994e-06 | ~:0(<built-in method _abc._abc_subclasscheck>) |
| 52 | 0.0005121 | 9.847e-06 | 0.002643 | 5.082e-05 | validation.py:1404(check_is_fitted) |
| 104 | 0.0004897 | 4.709e-06 | 0.0005585 | 5.37e-06 | module.py:1668(named_modules) |
| 104 | 0.0004819 | 4.634e-06 | 0.0004819 | 4.634e-06 | ~:0(<method 'remove' of 'list' objects>) |
| 52 | 0.0004762 | 9.158e-06 | 0.002711 | 5.213e-05 | rnn.py:121(<listcomp>) |
| 104 | 0.0004753 | 4.57e-06 | 0.0009281 | 8.924e-06 | base.py:420(_check_feature_names) |
| 208 | 0.0004589 | 2.206e-06 | 0.00222 | 1.067e-05 | abc.py:96(__instancecheck__) |
| 312 | 0.0004501 | 1.443e-06 | 0.0007812 | 2.504e-06 | parameter.py:129(is_lazy) |
| 52 | 0.0004478 | 8.611e-06 | 0.006864 | 0.000132 | serialization.py:229(_open_file_like) |
| 52 | 0.0004447 | 8.551e-06 | 0.006289 | 0.0001209 | serialization.py:211(__init__) |
| 936 | 0.0004428 | 4.731e-07 | 0.0004428 | 4.731e-07 | ~:0(<method 'items' of 'collections.OrderedDict' objects>) |
| 624 | 0.0004349 | 6.969e-07 | 0.0004349 | 6.969e-07 | storage.py:225(<genexpr>) |
| 52 | 0.0004233 | 8.141e-06 | 0.002392 | 4.6e-05 | fromnumeric.py:2307(any) |
| 52 | 0.0004085 | 7.856e-06 | 0.000494 | 9.5e-06 | getlimits.py:458(__new__) |
| 52 | 0.0004053 | 7.794e-06 | 0.001286 | 2.474e-05 | init.py:356(_calculate_correct_fan) |
| 156 | 0.0003912 | 2.508e-06 | 0.0003912 | 2.508e-06 | _ufunc_config.py:425(__init__) |
| 208 | 0.0003769 | 1.812e-06 | 0.002234 | 1.074e-05 | rnn.py:121(<lambda>) |
| 676 | 0.0003769 | 5.575e-07 | 0.0003769 | 5.575e-07 | _jit_internal.py:957(is_scripting) |
| 104 | 0.0003758 | 3.613e-06 | 0.0005733 | 5.512e-06 | validation.py:581(_ensure_no_complex_data) |
| 312 | 0.0003732 | 1.196e-06 | 0.0003732 | 1.196e-06 | ~:0(<built-in method math.sqrt>) |
| 104 | 0.0003638 | 3.498e-06 | 0.0003638 | 3.498e-06 | ~:0(<method 'tell' of '_io.BufferedReader' objects>) |
| 107 | 0.0003465 | 3.238e-06 | 0.004541 | 4.244e-05 | warnings.py:117(_formatwarnmsg) |
| 52 | 0.0003462 | 6.658e-06 | 0.0004423 | 8.505e-06 | <frozen importlib._bootstrap>:389(parent) |
| 208 | 0.0003441 | 1.654e-06 | 0.0004866 | 2.34e-06 | _base.py:1301(isspmatrix) |
| 104 | 0.0003418 | 3.287e-06 | 0.0003418 | 3.287e-06 | serialization.py:200(__init__) |
| 312 | 0.0003164 | 1.014e-06 | 0.0003164 | 1.014e-06 | serialization.py:127(_cpu_deserialize) |
| 104 | 0.0003141 | 3.02e-06 | 0.001706 | 1.64e-05 | _set_output.py:97(_wrap_data_with_container) |
| 52 | 0.0003054 | 5.873e-06 | 0.0006286 | 1.209e-05 | serialization.py:983(__init__) |
| 104 | 0.0002967 | 2.853e-06 | 0.0004266 | 4.102e-06 | validation.py:639(_is_extension_array_dtype) |
| 52 | 0.0002873 | 5.525e-06 | 0.003264 | 6.278e-05 | <__array_function__ internals>:177(any) |
| 104 | 0.0002838 | 2.729e-06 | 0.0003719 | 3.576e-06 | validation.py:591(_check_estimator_name) |
| 52 | 0.0002747 | 5.283e-06 | 0.0003195 | 6.144e-06 | _utils.py:160(_validate_loaded_sparse_tensors) |
| 52 | 0.000274 | 5.27e-06 | 0.000464 | 8.924e-06 | rnn.py:198(check_input) |
| 52 | 0.0002724 | 5.239e-06 | 0.0007141 | 1.373e-05 | rnn.py:114(<listcomp>) |
| 104 | 0.0002705 | 2.601e-06 | 0.0002705 | 2.601e-06 | ~:0(<built-in method builtins.vars>) |
| 52 | 0.0002644 | 5.085e-06 | 0.0003452 | 6.638e-06 | rnn.py:209(get_expected_hidden_size) |
| 52 | 0.0002602 | 5.003e-06 | 0.001541 | 2.963e-05 | activation.py:292(forward) |
| 52 | 0.0002428 | 4.669e-06 | 0.0003232 | 6.216e-06 | storage.py:660(_get_dtype_from_pickle_storage_type) |

| ncalls | tottime | percall | cumtime | percall | filename:lineno(function) |
|---|---|---|---|---|---|
| 104 | 0.0002418 | 2.325e-06 | 0.00326 | 3.135e-05 | ~:0(<built-in method builtins.any>) |
| 104 | 0.0002409 | 2.316e-06 | 0.0004545 | 4.37e-06 | rnn.py:223(check_hidden_size) |
| 52 | 0.0002351 | 4.521e-06 | 0.0002351 | 4.521e-06 | ~:0(<method 'copy' of 'collections.OrderedDict' objects>) |
| 52 | 0.0002301 | 4.424e-06 | 0.009103 | 0.0001751 | module.py:1735(eval) |
| 52 | 0.000229 | 4.404e-06 | 0.003587 | 6.898e-05 | <__array_function__ internals>:177(ptp) |
| 52 | 0.000225 | 4.326e-06 | 0.0005673 | 1.091e-05 | <__array_function__ internals>:177(may_share_memory) |
| 104 | 0.0002211 | 2.126e-06 | 0.0003817 | 3.67e-06 | validation.py:1987(_get_feature_names) |
| 260 | 0.0002181 | 8.387e-07 | 0.0002181 | 8.387e-07 | _array_api.py:170(_check_device_cpu) |
| 52 | 0.0002089 | 4.017e-06 | 0.001377 | 2.648e-05 | serialization.py:214(__exit__) |
| 312 | 0.0001979 | 6.342e-07 | 0.0001979 | 6.342e-07 | fromnumeric.py:2157(_sum_dispatcher) |
| 52 | 0.0001956 | 3.762e-06 | 0.0001956 | 3.762e-06 | serialization.py:1028(UnpicklerWrapper) |
| 112/105 | 0.0001869 | 1.78e-06 | 0.000704 | 6.705e-06 | abc.py:100(__subclasscheck__) |
| 104 | 0.0001828 | 1.758e-06 | 0.0001828 | 1.758e-06 | ~:0(<method 'insert' of 'list' objects>) |
| 52 | 0.0001814 | 3.489e-06 | 0.0002821 | 5.426e-06 | _VF.py:25(__getattr__) |
| 312 | 0.0001799 | 5.766e-07 | 0.0001799 | 5.766e-07 | ~:0(<built-in method torch._C._has_torch_function_variadic>) |
| 52 | 0.0001798 | 3.459e-06 | 0.0002587 | 4.974e-06 | rnn.py:667(get_expected_cell_size) |
| 312 | 0.0001771 | 5.676e-07 | 0.0001771 | 5.676e-07 | ~:0(<built-in method _warnings._filters_mutated>) |
| 52 | 0.0001637 | 3.147e-06 | 0.0001637 | 3.147e-06 | serialization.py:315(_check_dill_version) |
| 107 | 0.0001621 | 1.515e-06 | 0.0001621 | 1.515e-06 | ~:0(<method 'strip' of 'str' objects>) |
| 52 | 0.0001591 | 3.059e-06 | 0.0002087 | 4.013e-06 | module.py:1559(<lambda>) |
| 208 | 0.0001532 | 7.367e-07 | 0.0001532 | 7.367e-07 | module.py:1382(<dictcomp>) |
| 23 | 0.0001462 | 6.354e-06 | 0.0001462 | 6.354e-06 | basetrack.py:34(next_id) |
| 208 | 0.0001247 | 5.997e-07 | 0.0001247 | 5.997e-07 | ~:0(<method 'values' of 'collections.OrderedDict' objects>) |
| 52 | 0.0001231 | 2.368e-06 | 0.0001231 | 2.368e-06 | ~:0(<method 'seek' of '_io.BufferedReader' objects>) |
| 208 | 0.0001216 | 5.845e-07 | 0.0001216 | 5.845e-07 | ~:0(<method 'keys' of 'collections.OrderedDict' objects>) |
| 2 | 0.0001182 | 5.909e-05 | 0.0001425 | 7.123e-05 | blas.py:259(find_best_blas_type) |
| 52 | 0.0001141 | 2.194e-06 | 0.0002185 | 4.203e-06 | <string>:1(__new__) |
| 52 | 0.0001136 | 2.185e-06 | 0.0001708 | 3.284e-06 | inspect.py:72(isclass) |
| 52 | 0.0001079 | 2.074e-06 | 0.0001268 | 2.439e-06 | serialization.py:194(_is_path) |
| 52 | 0.0001045 | 2.009e-06 | 0.0001045 | 2.009e-06 | ~:0(<built-in method __new__ of type object at 0x556c52bc38>) |
| 52 | 9.605e-05 | 1.847e-06 | 9.605e-05 | 1.847e-06 | ~:0(<method 'rpartition' of 'str' objects>) |
| 36 | 9.506e-05 | 2.64e-06 | 9.506e-05 | 2.64e-06 | basetrack.py:48(mark_lost) |
| 2 | 9.052e-05 | 4.526e-05 | 0.0002579 | 0.0001289 | blas.py:326(_get_funcs) |
| 104 | 9.006e-05 | 8.66e-07 | 9.006e-05 | 8.66e-07 | serialization.py:203(__enter__) |
| 52 | 8.922e-05 | 1.716e-06 | 8.922e-05 | 1.716e-06 | rnn.py:691(permute_hidden) |
| 52 | 8.667e-05 | 1.667e-06 | 8.667e-05 | 1.667e-06 | serialization.py:961(_get_restore_location) |
| 4 | 8.031e-05 | 2.008e-05 | 0.0001723 | 4.307e-05 | posixpath.py:71(join) |
| 24 | 7.589e-05 | 3.162e-06 | 7.589e-05 | 3.162e-06 | basetrack.py:51(mark_removed) |
| 52 | 6.183e-05 | 1.189e-06 | 6.183e-05 | 1.189e-06 | _array_api.py:12(_check_array_api_dispatch) |
| 52 | 5.891e-05 | 1.133e-06 | 5.891e-05 | 1.133e-06 | ~:0(<method 'lower' of 'str' objects>) |
| 52 | 5.265e-05 | 1.013e-06 | 5.265e-05 | 1.013e-06 | fromnumeric.py:2302(_any_dispatcher) |
| 4 | 4.912e-05 | 1.228e-05 | 4.912e-05 | 1.228e-05 | ~:0(<method 'isOpened' of 'cv2.VideoCapture' objects>) |
| 1 | 4.896e-05 | 4.896e-05 | 4.896e-05 | 4.896e-05 | storage.py:188(_dtype_to_storage_type_map) |
| 52 | 3.693e-05 | 7.102e-07 | 3.693e-05 | 7.102e-07 | serialization.py:206(__exit__) |
| 52 | 3.672e-05 | 7.062e-07 | 3.672e-05 | 7.062e-07 | fromnumeric.py:2574(_ptp_dispatcher) |
| 52 | 3.599e-05 | 6.921e-07 | 3.599e-05 | 6.921e-07 | multiarray.py:1368(may_share_memory) |
| 2 | 3.261e-05 | 1.63e-05 | 0.0002963 | 0.0001482 | lapack.py:881(get_lapack_funcs) |
| 1 | 2.339e-05 | 2.339e-05 | 2.443e-05 | 2.443e-05 | cProfile.py:133(__exit__) |
| 1 | 2.146e-05 | 2.146e-05 | 8.047e-05 | 8.047e-05 | storage.py:210(_storage_type_to_dtype_map) |
| 1 | 9.01e-06 | 9.01e-06 | 9.01e-06 | 9.01e-06 | storage.py:212(<dictcomp>) |
| 1 | 5.469e-06 | 5.469e-06 | 5.469e-06 | 5.469e-06 | ~:0(<method 'index' of 'list' objects>) |
| 1 | 4.375e-06 | 4.375e-06 | 5.105e-06 | 5.105e-06 | blas.py:308(<listcomp>) |
| 1 | 1.511e-06 | 1.511e-06 | 1.511e-06 | 1.511e-06 | <string>:1(<module>) |
| 1 | 1.042e-06 | 1.042e-06 | 1.042e-06 | 1.042e-06 | ~:0(<method 'disable' of '_lsprof.Profiler' objects>) |

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