torch.monitor

> **Warning**
>
> This module is a prototype release, and its interfaces and functionality may change without warning in future PyTorch releases.

`torch.monitor` provides an interface for logging events and counters from PyTorch.

The stat interfaces are designed to be used for tracking high level metrics that are periodically logged out to be used for monitoring system performance. Since the stats aggregate with a specific window size you can log to them from critical loops with minimal performance impact.

For more infrequent events or values such as loss, accuracy, usage tracking the event interface can be directly used.

Event handlers can be registered to handle the events and pass them to an external event sink.

API Reference

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)monitor.rst`, line 26)

Unknown directive type "automodule".

```
.. automodule:: torch.monitor
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)monitor.rst`, line 28)

Unknown directive type "autoclass".

```
.. autoclass:: torch.monitor.Aggregation
   :members:
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)monitor.rst`, line 31)

Unknown directive type "autoclass".

```
.. autoclass:: torch.monitor.Stat
   :members:
   :special-members: __init__
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)monitor.rst`, line 35)

Unknown directive type "autoclass".

```
.. autoclass:: torch.monitor.data_value_t
   :members:
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)monitor.rst`, line 38)

Unknown directive type "autoclass".

```
.. autoclass:: torch.monitor.Event
   :members:
   :special-members: __init__
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)monitor.rst`, line 42)

Unknown directive type "autoclass".

```
.. autoclass:: torch.monitor.EventHandlerHandle
    :members:
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)monitor.rst`, line 45)

Unknown directive type "autofunction".

```
.. autofunction:: torch.monitor.log_event
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)monitor.rst`, line 47)

Unknown directive type "autofunction".

```
.. autofunction:: torch.monitor.register_event_handler
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)monitor.rst`, line 49)

Unknown directive type "autofunction".

```
.. autofunction:: torch.monitor.unregister_event_handler
```

System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\pytorch-master\docs\source\(pytorch-master)(docs)(source)monitor.rst`, line 51)

Unknown directive type "autoclass".

```
.. autoclass:: torch.monitor.TensorboardEventHandler
    :members:
    :special-members: __init__
```