

tfdbg.DumpingDebugHook

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Class `DumpingDebugHook`

Inherits From: `SessionRunHook`

Defined in `tensorflow/python/debug/wrappers/hooks.py`.

See the guide: [TensorFlow Debugger > Session wrapper class and `SessionRunHook` implementations](#)

A debugger hook that dumps debug data to filesystem.

Can be used as a monitor/hook for `tf.train.MonitoredSession`s and `tf.contrib.learn`'s `Estimator`s and `Experiment`s.

Methods

`__init__`

```
__init__(
    session_root,
    watch_fn=None,
    thread_name_filter=None,
    log_usage=True
)
```

Create a local debugger command-line interface (CLI) hook.

Args:

- `session_root`: See doc of `dumping_wrapper.DumpingDebugWrapperSession.__init__`.
- `watch_fn`: See doc of `dumping_wrapper.DumpingDebugWrapperSession.__init__`.
- `thread_name_filter`: Regular-expression white list for threads on which the wrapper session will be active. See doc of `BaseDebugWrapperSession` for more details.
- `log_usage`: (bool) Whether usage is to be logged.

`after_create_session`

```
after_create_session(  
    session,  
    coord  
)
```

Called when new TensorFlow session is created.

This is called to signal the hooks that a new session has been created. This has two essential differences with the situation in which `begin` is called:

- When this is called, the graph is finalized and ops can no longer be added to the graph.
- This method will also be called as a result of recovering a wrapped session, not only at the beginning of the overall session.

Args:

- `session`: A TensorFlow Session that has been created.
- `coord`: A Coordinator object which keeps track of all threads.

after_run

```
after_run(  
    run_context,  
    run_values  
)
```

before_run

```
before_run(run_context)
```

begin

```
begin()
```

end

```
end(session)
```

Called at the end of session.

The `session` argument can be used in case the hook wants to run final ops, such as saving a last checkpoint.

If `session.run()` raises exception other than `OutOfRangeError` or `StopIteration` then `end()` is not called. Note the difference between `end()` and `after_run()` behavior when `session.run()` raises `OutOfRangeError` or `StopIteration`. In that case `end()` is called but `after_run()` is not called.

Args:

- `session`: A TensorFlow Session that will be soon closed.

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