

tf.train.StopAtStepHook

Contents

Class `StopAtStepHook`

Methods

`__init__`

`after_create_session`

Class `StopAtStepHook`

Inherits From: `SessionRunHook`

Defined in `tensorflow/python/training/basic_session_run_hooks.py`.

See the guide: [Training > Training Hooks](#)

Hook that requests stop at a specified step.

Methods

`__init__`

```
__init__(  
    num_steps=None,  
    last_step=None  
)
```

Initializes a `StopAtStepHook`.

This hook requests stop after either a number of steps have been executed or a last step has been reached. Only one of the two options can be specified.

if `num_steps` is specified, it indicates the number of steps to execute after `begin()` is called. If instead `last_step` is specified, it indicates the last step we want to execute, as passed to the `after_run()` call.

Args:

- `num_steps`: Number of steps to execute.
- `last_step`: Step after which to stop.

Raises:

- `ValueError`: If one of the arguments is invalid.

`after_create_session`

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

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.

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 3.0 License](#), and code samples are licensed under the [Apache 2.0 License](#). For details, see our [Site Policies](#). Java is a registered trademark of Oracle and/or its affiliates.

Last updated November 2, 2017.

Stay Connected

[Blog](#)

[GitHub](#)

[Twitter](#)

Support

[Issue Tracker](#)

[Release Notes](#)

[Stack Overflow](#)

English

[Terms](#) | [Privacy](#)