

tf.train.SessionRunContext

Contents

Class SessionRunContext

Properties

original_args

session

Class **SessionRunContext**

Defined in [tensorflow/python/training/session_run_hook.py](#).

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

Provides information about the `session.run()` call being made.

Provides information about original request to `Session.Run()` function. SessionRunHook objects can stop the loop by calling `request_stop()` of `run_context`. In the future we may use this object to add more information about run without changing the Hook API.

Properties

original_args

A `SessionRunArgs` object holding the original arguments of `run()`.

If user called `MonitoredSession.run(fetches=a, feed_dict=b)`, then this field is equal to `SessionRunArgs(a, b)`.

Returns:

A `SessionRunArgs` object

session

A TensorFlow session object which will execute the `run`.

stop_requested

Returns whether a stop is requested or not.

If true, `MonitoredSession` stops iterations.

Returns:

A `bool`

Methods

__init__

```
__init__(  
    original_args,  
    session  
)
```

Initializes SessionRunContext.

request_stop

```
request_stop()
```

Sets stop requested field.

Hooks can use this function to request stop of iterations. **MonitoredSession** checks whether this is called or not.

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