TensorFlow   API r1.4

tf.train.SessionRunContext

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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