

tf.contrib.training.SummaryAtEndHook

Contents

Class `SummaryAtEndHook`

Methods

`__init__`

`after_create_session`

Class `SummaryAtEndHook`

Inherits From: `SessionRunHook`

Defined in `tensorflow/contrib/training/python/training/evaluation.py`.

A run hook that saves a summary with the results of evaluation.

Methods

`__init__`

```
__init__(  
    log_dir=None,  
    summary_writer=None,  
    summary_op=None,  
    feed_dict=None  
)
```

Constructs the Summary Hook.

Args:

- `log_dir`: The directory where the summary events are saved to. Used only when `summary_writer` is not specified.
- `summary_writer`: A `tf.summary.FileWriter` to write summary events with.
- `summary_op`: The summary op to run. If left as `None`, then all summaries in the `tf.GraphKeys.SUMMARIES` collection are used.
- `feed_dict`: An optional feed dictionary to use when evaluating the summaries.

Raises:

- `ValueError`: If both `log_dir` and `summary_writer` are `None`.

`after_create_session`

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

after_run

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

Called after each call to `run()`.

The `run_values` argument contains results of requested ops/tensors by `before_run()`.

The `run_context` argument is the same one send to `before_run` call. `run_context.request_stop()` can be called to stop the iteration.

If `session.run()` raises any exceptions then `after_run()` is not called.

Args:

- `run_context`: A `SessionRunContext` object.
- `run_values`: A `SessionRunValues` object.

before_run

```
before_run(run_context)
```

Called before each call to `run()`.

You can return from this call a `SessionRunArgs` object indicating ops or tensors to add to the upcoming `run()` call. These ops/tensors will be run together with the ops/tensors originally passed to the original `run()` call. The run args you return can also contain feeds to be added to the `run()` call.

The `run_context` argument is a `SessionRunContext` that provides information about the upcoming `run()` call: the originally requested op/tensors, the TensorFlow Session.

At this point graph is finalized and you can not add ops.

Args:

- `run_context`: A `SessionRunContext` object.

Returns:

None or a `SessionRunArgs` object.

begin

```
begin()
```

end

```
end(session)
```

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