

tf.keras.callbacks.Callback

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Class Callback

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`__init__``on_batch_begin`Class **Callback**

Defined in `tensorflow/python/keras/_impl/keras/callbacks.py`.

Abstract base class used to build new callbacks.

Properties

```
params: dict. Training parameters
        (eg. verbosity, batch size, number of epochs...).
model: instance of `keras.models.Model`.
        Reference of the model being trained.
```

The `logs` dictionary that callback methods take as argument will contain keys for quantities relevant to the current batch or epoch.

Currently, the `.fit()` method of the `Sequential` model class will include the following quantities in the `logs` that it passes to its callbacks:

```
on_epoch_end: logs include `acc` and `loss`, and
               optionally include `val_loss`
               (if validation is enabled in `fit`), and `val_acc`
               (if validation and accuracy monitoring are enabled).
on_batch_begin: logs include `size`,
                 the number of samples in the current batch.
on_batch_end: logs include `loss`, and optionally `acc`
               (if accuracy monitoring is enabled).
```

Methods

`__init__`

```
__init__()
```

`on_batch_begin`

```
on_batch_begin(  
    batch,  
    logs=None  
)
```

on_batch_end

```
on_batch_end(  
    batch,  
    logs=None  
)
```

on_epoch_begin

```
on_epoch_begin(  
    epoch,  
    logs=None  
)
```

on_epoch_end

```
on_epoch_end(  
    epoch,  
    logs=None  
)
```

on_train_begin

```
on_train_begin(logs=None)
```

on_train_end

```
on_train_end(logs=None)
```

set_model

```
set_model(model)
```

set_params

```
set_params(params)
```

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