

## tf.keras.callbacks.CSVLogger

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## Class CSVLogger

Inherits From: [Callback](#)Defined in [tensorflow/python/keras/\\_impl/keras/callbacks.py](#).

Callback that streams epoch results to a csv file.

Supports all values that can be represented as a string, including 1D iterables such as np.ndarray.

Example: `python csv_logger = CSVLogger('training.log') model.fit(X_train, Y_train, callbacks=[csv_logger])`

### Arguments:

- `filename`: filename of the csv file, e.g. 'run/log.csv'.
- `separator`: string used to separate elements in the csv file.
- `append`: True: append if file exists (useful for continuing training). False: overwrite existing file,

## Methods

### `__init__`

```
__init__(
    filename,
    separator=',',
    append=False
)
```

### `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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