tf.contrib.gan.ACGANModel

Class `ACGANModel`

Defined in `tensorflow/contrib/gan/python/namedtuples.py` .

An ACGANModel contains all the pieces needed for ACGAN training.

See https://arxiv.org/abs/1610.09585 for more details.

Args:

- `one_hot_labels` : A Tensor holding one-hot-labels for the batch.
- `discriminator_real_classification_logits` : Classification logits for real data.
- `discriminator_gen_classification_logits` : Classification logits for generated data.

Properties

`discriminator_fn`

Alias for field number 10

`discriminator_gen_classification_logits`

Alias for field number 13

`discriminator_gen_outputs`

Alias for field number 7

`discriminator_real_classification_logits`

Alias for field number 12

`discriminator_real_outputs`

Alias for field number 6

discriminator_scope

Alias for field number 9

discriminator_variables

Alias for field number 8

generated_data

Alias for field number 1

generator_fn

Alias for field number 4

generator_inputs

Alias for field number 0

generator_scope

Alias for field number 3

generator_variables

Alias for field number 2

one_hot_labels

Alias for field number 11

real_data

Alias for field number 5

Methods

__new__

```
__new__(
    _cls,
    generator_inputs,
    generated_data,
    generator_variables,
    generator_scope,
    generator_fn,
    real_data,
    discriminator_real_outputs,
    discriminator_gen_outputs,
    discriminator_variables,
    discriminator_scope,
    discriminator_fn,
    one_hot_labels,
    discriminator_real_classification_logits,
    discriminator_gen_classification_logits
)
```

Create new instance of ACGANModel(generator_inputs, generated_data, generator_variables, generator_scope, generator_fn, real_data, discriminator_real_outputs, discriminator_gen_outputs, discriminator_variables, discriminator_scope, discriminator_fn, one_hot_labels, discriminator_real_classification_logits, discriminator_gen_classification_logits)

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