tf.contrib.seq2seq.TrainingHelper

Contents

Class TrainingHelper
Properties
batch_size
sample_ids_dtype

Class `TrainingHelper`

Inherits From: `Helper`

Defined in `tensorflow/contrib/seq2seq/python/ops/helper.py`.

See the guide: Seq2seq Library (contrib) > Dynamic Decoding

A helper for use during training. Only reads inputs.

Returned sample_ids are the argmax of the RNN output logits.

Properties

`batch_size`

`sample_ids_dtype`

`sample_ids_shape`

Methods

`__init__`

```
__init__(
    inputs,
    sequence_length,
    time_major=False,
    name=None
)
```

Initializer.

Args:

- `inputs`: A (structure of) input tensors.
- `sequence_length`: An int32 vector tensor.
- `time_major`: Python bool. Whether the tensors in `inputs` are time major. If `False` (default), they are assumed to be

batch major.

- `name`: Name scope for any created operations.

Raises:

- `ValueError`: if `sequence_length` is not a 1D tensor.

initialize

```
initialize(name=None)
```

next_inputs

```
next_inputs(
    time,
    outputs,
    state,
    name=None,
    **unused_kwargs
)
```

next_inputs_fn for TrainingHelper.

sample

```
sample(
    time,
    outputs,
    name=None,
    **unused_kwargs
)
```

Except as otherwise noted, the content of this page is licensed under the Creative Commons Attribution 3.0 License, and code samples are licensed under the Apache 2.0 License. For details, see our Site Policies. Java is a registered trademark of Oracle and/or its affiliates.

Last updated November 2, 2017.