

tf.contrib.seq2seq.Helper

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

See the guide: [Seq2seq Library \(contrib\) > Dynamic Decoding](#)

Interface for implementing sampling in seq2seq decoders.

Helper instances are used by `BasicDecoder`.

Properties

batch_size

Batch size of tensor returned by `sample`.

Returns a scalar int32 tensor.

sample_ids_dtype

DType of tensor returned by `sample`.

Returns a DType.

sample_ids_shape

Shape of tensor returned by `sample`, excluding the batch dimension.

Returns a `TensorShape`.

Methods

initialize

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

Returns `(initial_finished, initial_inputs)`.

next_inputs

```
next_inputs(  
    time,  
    outputs,  
    state,  
    sample_ids,  
    name=None  
)
```

Returns `(finished, next_inputs, next_state)`.

sample

```
sample(  
    time,  
    outputs,  
    state,  
    name=None  
)
```

Returns `sample_ids`.

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