

tf.estimator.export.ServingInputReceiver

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Class `ServingInputReceiver`

Defined in `tensorflow/python/estimator/export/export.py`.

A return type for a `serving_input_receiver_fn`.

The expected return values are: `features`: A dict of string to `Tensor` or `SparseTensor`, specifying the features to be passed to the model. `receiver_tensors`: a `Tensor`, or a dict of string to `Tensor`, specifying input nodes where this receiver expects to be fed by default. Typically, this is a single placeholder expecting serialized `tf.Example` protos.

`receiver_tensors_alternatives`: a dict of string to additional groups of receiver tensors, each of which may be a `Tensor` or a dict of string to `Tensor`. These named receiver tensor alternatives generate additional serving signatures, which may be used to feed inputs at different points within the input receiver subgraph. A typical usage is to allow feeding raw feature `Tensor`s *downstream* of the `tf.parse_example()` op. Defaults to `None`.

Properties

`features`

Alias for field number 0

`receiver_tensors`

Alias for field number 1

`receiver_tensors_alternatives`

Alias for field number 2

Methods

`__new__`

```
@staticmethod
__new__(
    cls,
    features,
    receiver_tensors,
    receiver_tensors_alternatives=None
)
```

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