

tf.contrib.predictor.from_estimator

```
from_estimator(  
    estimator,  
    serving_input_receiver_fn,  
    output_key=None,  
    graph=None  
)
```

Defined in [tensorflow/contrib/predictor/predictor_factories.py](#).

Constructs a **Predictor** from a `tf.python.estimator.Estimator`.

Args:

- `estimator`: an instance of `learn.python.estimator.Estimator`.
- `serving_input_receiver_fn`: a function that takes no arguments and returns an instance of **ServingInputReceiver** compatible with `estimator`.
- `output_key`: Optional string specifying the export output to use. If `None`, then `DEFAULT_SERVING_SIGNATURE_DEF_KEY` is used.
- `graph`: Optional. The Tensorflow **graph** in which prediction should be done.

Returns:

An initialized **Predictor**.

Raises:

- **TypeError**: if `estimator` is a contrib **Estimator** instead of a core **Estimator**.

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