

tf.contrib.predictor.from_contrib_estimator

```
from_contrib_estimator(  
    estimator,  
    prediction_input_fn,  
    input_alternative_key=None,  
    output_alternative_key=None,  
    graph=None  
)
```

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

Constructs a **Predictor** from a **tf.contrib.learn.Estimator**.

Args:

- **estimator**: an instance of **tf.contrib.learn.Estimator**.
- **prediction_input_fn**: a function that takes no arguments and returns an instance of **InputFnOps**.
- **input_alternative_key**: Optional. Specify the input alternative used for prediction.
- **output_alternative_key**: Specify the output alternative used for prediction. Not needed for single-headed models but required for multi-headed models.
- **graph**: Optional. The Tensorflow **graph** in which prediction should be done.

Returns:

An initialized **Predictor**.

Raises:

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

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