predict.py

```
import tensorflow as tf
import data
import sys
import model as ml

from configs import DEFINES

if __name__ == '__main__':
    tf.logging.set_verbosity(tf.logging.INFO)
    arg_length = len(sys.argv)

    if(arg_length < 2):
        raise Exception("Don't call us. We'll call you")



    char2idx,  idx2char, vocabulary_length = data.load_vocabulary()
    input = ""
    for i in sys.argv[1:]:
        input += i
        input += " "

    print(input)


    # 테스트셋 인코딩 / 디코딩 입력 / 디코딩 출력 만드는 부분이다.
    predic_input_enc,   predic_input_enc_length   =   data.enc_processing([input],
char2idx)
    predic_output_dec,  predic_output_dec_length  =  data.dec_input_processing([""],
char2idx)
    predic_target_dec = data.dec_target_processing([""], char2idx)


        # 에스티메이터 구성
    classifier = tf.estimator.Estimator(
            model_fn=ml.model,
```

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            model_dir=DEFINES.check_point_path,
            params={
                'hidden_size': DEFINES.hidden_size,
                'layer_size': DEFINES.layer_size,
                'learning_rate': DEFINES.learning_rate,
                'vocabulary_length': vocabulary_length,
                'embedding_size': DEFINES.embedding_size,
                'embedding': DEFINES.embedding,
                'multilayer': DEFINES.multilayer,
            })


    predictions = classifier.predict(
        input_fn=lambda:data.eval_input_fn(predic_input_enc,     predic_output_dec,
predic_target_dec, DEFINES.batch_size))


    data.pred2string(predictions, idx2char)
```