tf.contrib.estimator.clip_gradients_by_norm

```
clip_gradients_by_norm(
    optimizer,
    clip_norm
)
```

Defined in `tensorflow/contrib/estimator/python/estimator/extenders.py`.

Returns an optimizer which clips gradients before appliying them.

Example:

```
optimizer = tf.train.ProximalAdagradOptimizer(
    learning_rate=0.1,
    l1_regularization_strength=0.001)
optimizer = tf.contrib.estimator.clip_gradients_by_norm(
    optimizer, clip_norm)
estimator = tf.estimator.DNNClassifier(
    feature_columns=[...],
    hidden_units=[1024, 512, 256],
    optimizer=optimizer)
```

Args:

- `optimizer`: An `tf.Optimizer` object to apply gradients.
- `clip_norm`: A 0-D (scalar) `Tensor` > 0. The clipping ratio.

Returns:

A `tf.Optimizer`.

English