tf.contrib.metrics.accuracy

```
accuracy(
    predictions,
    labels,
    weights=None,
    name=None
)
```

Defined in `tensorflow/contrib/metrics/python/metrics/classification.py`.

See the guide: Metrics (contrib) > Metric `Ops`

Computes the percentage of times that predictions matches labels.

Args:

- `predictions`: the predicted values, a `Tensor` whose dtype and shape matches 'labels'.
- `labels`: the ground truth values, a `Tensor` of any shape and bool, integer, or string dtype.
- `weights`: None or `Tensor` of float values to reweight the accuracy.
- `name`: A name for the operation (optional).

Returns:

Accuracy `Tensor`.

Raises:

- `ValueError`: if dtypes don't match or if dtype is not bool, integer, or string.

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