tf.contrib.layers.embedding_lookup_unique

```
embedding_lookup_unique(
    params,
    ids,
    name=None
)
```

Defined in `tensorflow/contrib/layers/python/layers/embedding_ops.py`.

Version of embedding_lookup that avoids duplicate lookups.

This can save communication in the case of repeated ids. Same interface as embedding_lookup. Except it supports multi-dimensional `ids` which allows to not reshape input/output to fit gather.

Args:

- `params`: A list of tensors with the same shape and type, or a `PartitionedVariable`. Shape `[index, d1, d2, ...]`.
- `ids`: A one-dimensional `Tensor` with type `int32` or `int64` containing the ids to be looked up in `params`. Shape `[ids1, ids2, ...]`.
- `name`: A name for this operation (optional).

Returns:

A `Tensor` with the same type as the tensors in `params` and dimension of `[ids1, ids2, d1, d2, ...]`.

Raises:

- `ValueError`: If `params` is empty.

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