tf.train.maybe_batch_join

```
maybe_batch_join(
    tensors_list,
    keep_input,
    batch_size,
    capacity=32,
    enqueue_many=False,
    shapes=None,
    dynamic_pad=False,
    allow_smaller_final_batch=False,
    shared_name=None,
    name=None
)
```

Defined in `tensorflow/python/training/input.py`.

See the guide: Inputs and Readers > Input pipeline

Runs a list of tensors to conditionally fill a queue to create batches.

See docstring in `batch_join` for more details.

Args:

- `tensors_list`: A list of tuples or dictionaries of tensors to enqueue.
- `keep_input`: A `bool` Tensor. This tensor controls whether the input is added to the queue or not. If it is a scalar and evaluates `True`, then `tensors` are all added to the queue. If it is a vector and `enqueue_many` is `True`, then each example is added to the queue only if the corresponding value in `keep_input` is `True`. This tensor essentially acts as a filtering mechanism.
- `batch_size`: An integer. The new batch size pulled from the queue.
- `capacity`: An integer. The maximum number of elements in the queue.
- `enqueue_many`: Whether each tensor in `tensor_list_list` is a single example.
- `shapes`: (Optional) The shapes for each example. Defaults to the inferred shapes for `tensor_list_list[i]`.
- `dynamic_pad`: Boolean. Allow variable dimensions in input shapes. The given dimensions are padded upon dequeue so that tensors within a batch have the same shapes.
- `allow_smaller_final_batch`: (Optional) Boolean. If `True`, allow the final batch to be smaller if there are insufficient items left in the queue.
- `shared_name`: (Optional) If set, this queue will be shared under the given name across multiple sessions.
- `name`: (Optional) A name for the operations.

Returns:

A list or dictionary of tensors with the same number and types as `tensors_list[i]`.

Raises:

- `ValueError` : If the `shapes` are not specified, and cannot be inferred from the elements of `tensor_list_list` .

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