tf.contrib.framework.nest.get_traverse_shallow_structure

```
get_traverse_shallow_structure(
    traverse_fn,
    structure
)
```

Defined in `tensorflow/python/util/nest.py`.

Generates a shallow structure from a `traverse_fn` and `structure`.

`traverse_fn` must accept any possible subtree of `structure` and return a depth=1 structure containing `True` or `False` values, describing which of the top-level subtrees may be traversed. It may also return scalar `True` or `False` "traversal is OK / not OK for all subtrees."

Examples are available in the unit tests (nest_test.py).

Args:

- `traverse_fn`: Function taking a substructure and returning either a scalar `bool` (whether to traverse that substructure or not) or a depth=1 shallow structure of the same type, describing which parts of the substructure to traverse.
- `structure`: The structure to traverse.

Returns:

A shallow structure containing python bools, which can be passed to `map_structure_up_to` and `flatten_up_to`.

Raises:

- `TypeError`: if `traverse_fn` returns a sequence for a non-sequence input, or a structure with depth higher than 1 for a sequence input, or if any leaf values in the returned structure or scalar are not type `bool`.

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