

## tf.contrib.framework.assign\_from\_checkpoint\_fn

```
assign_from_checkpoint_fn(  
    model_path,  
    var_list,  
    ignore_missing_vars=False,  
    reshape_variables=False  
)
```

Defined in [tensorflow/contrib/framework/python/ops/variables.py](#).

See the guide: [Framework \(contrib\) > Variables](#)

Returns a function that assigns specific variables from a checkpoint.

If `ignore_missing_vars` is `True` and no variables are found in the checkpoint it returns `None`.

### Args:

- `model_path`: The full path to the model checkpoint. To get latest checkpoint use `model_path = tf.train.latest_checkpoint(checkpoint_dir)`
- `var_list`: A list of `Variable` objects or a dictionary mapping names in the checkpoint to the corresponding variables to initialize. If empty or `None`, it would return `no_op()`, `None`.
- `ignore_missing_vars`: Boolean, if `True` it would ignore variables missing in the checkpoint with a warning instead of failing.
- `reshape_variables`: Boolean, if `True` it would automatically reshape variables which are of different shape then the ones stored in the checkpoint but which have the same number of elements.

### Returns:

A function that takes a single argument, a `tf.Session`, that applies the assignment operation. If no matching variables were found in the checkpoint then `None` is returned.

### Raises:

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

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