

tf.get_session_handle

```
get_session_handle(  
    data,  
    name=None  
)
```

Defined in [tensorflow/python/ops/session_ops.py](#).

See the guide: [Tensor Handle Operations](#) > [Tensor Handle Operations](#)

Return the handle of `data`.

This is EXPERIMENTAL and subject to change.

Keep `data` "in-place" in the runtime and create a handle that can be used to retrieve `data` in a subsequent `run()`.

Combined with `get_session_tensor`, we can keep a tensor produced in one run call in place, and use it as the input in a future run call.

Args:

- `data`: A tensor to be stored in the session.
- `name`: Optional name prefix for the return tensor.

Returns:

A scalar string tensor representing a unique handle for `data`.

Raises:

- `TypeError`: if `data` is not a Tensor.

Example:

```
c = tf.multiply(a, b)  
h = tf.get_session_handle(c)  
h = sess.run(h)  
  
p, a = tf.get_session_tensor(h.handle, tf.float32)  
b = tf.multiply(a, 10)  
c = sess.run(b, feed_dict={p: h.handle})
```

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