

tf.get_session_tensor

```
get_session_tensor(  
    handle,  
    dtype,  
    name=None  
)
```

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

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

Get the tensor of type **dtype** by feeding a tensor handle.

This is EXPERIMENTAL and subject to change.

Get the value of the tensor from a tensor handle. The tensor is produced in a previous `run()` and stored in the state of the session.

Args:

- **handle**: The string representation of a persistent tensor handle.
- **dtype**: The type of the output tensor.
- **name**: Optional name prefix for the return tensor.

Returns:

A pair of tensors. The first is a placeholder for feeding a tensor handle and the second is the tensor in the session state keyed by the tensor handle.

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})
```

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 3.0 License](#), and code samples are licensed under the [Apache 2.0 License](#). For details, see our [Site Policies](#). Java is a registered trademark of Oracle and/or its affiliates.

Last updated November 2, 2017.

Stay Connected

[Blog](#)

[GitHub](#)

[Twitter](#)

Support

[Issue Tracker](#)

[Release Notes](#)

[Stack Overflow](#)

English

[Terms](#) | [Privacy](#)