

tf.glorot_normal_initializer

```
glorot_normal_initializer(  
    seed=None,  
    dtype=tf.float32  
)
```

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

The Glorot normal initializer, also called Xavier normal initializer.

It draws samples from a truncated normal distribution centered on 0 with `stddev = sqrt(2 / (fan_in + fan_out))` where `fan_in` is the number of input units in the weight tensor and `fan_out` is the number of output units in the weight tensor.

Reference: <http://jmlr.org/proceedings/papers/v9/glorot10a/glorot10a.pdf>

Args:

- `seed`: A Python integer. Used to create random seeds. See [tf.set_random_seed](#) for behavior.
- `dtype`: The data type. Only floating point types are supported.

Returns:

An initializer.

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