

TLDR: Use `spawn` instead of `fork` .

Autograd engine relies on threads pool, which makes it vulnerable to `fork` . We detect such situations and warn users to use `spawn` method of multiprocessing.

So this code will work

```
import multiprocessing as mp

ctx = mp.get_context('spawn')
simple_autograd_function()
with ctx.Pool(3) as pool:
    pool.map(simple_autograd_function, [1, 2, 3])
```

When this code will fail

```
import multiprocessing as mp

ctx = mp.get_context('fork')
simple_autograd_function()
with ctx.Pool(3) as pool:
    pool.map(simple_autograd_function, [1, 2, 3])
```

See <https://docs.python.org/3/library/multiprocessing.html#contexts-and-start-methods> for more details.