Embedded Device
on the Device Cluster

System Stack on Server

```
lib = t.build(s, [A, B],
    'llvm -target=armv7l-none-linux-gnueabihf',
     name='myfunc')
remote = tracker.request('rasp3b')
lib.save('myfunc.o')
remote.upload('myfunc.o')
f = remote.load_module('myfunc.o')
ctx = remote.cpu(0)
a = t.nd.array(np.random.uniform(size=1024), ctx)
b = t.nd.array(np.zeros(1024), ctx)
remote_timer = f.time_evaluator('myfunc', ctx, number=10)
time_cost = remote_timer(a, b)

np.testing.assert_equal(b.asnumpy(), expected)
```

upload module to remote

get remote function

copy data to remote

get remote array handle

run function on remote

get profile statistics back

copy data back to host
for correctness verification