



SGX enclave

SGX
Crypto

```
secure dataflow code  
map( . . ); reduce( . . );
```

Enclaved LuaVM



Vulnerable Code

SGX ECall
C proxy

Crypto C++

```
lua-sgx binding  
sgxprocess( c, d )  
sgxencrypt( k, d )  
sgxdecrypt( k, d )
```

RxLua
zmq

Vanilla LuaVM