

## Robot simulation

Physics simulation

V-REP  
server  
thread

## Our robot controller

V-REP  
client  
thread

Control code

```
graph LR; subgraph Robot_simulation [Robot simulation]; PS[Physics simulation] <--> VREP_server[V-REP server thread]; end; subgraph Our_robot_controller [Our robot controller]; VREP_client[V-REP client thread] <--> CC[Control code]; end; VREP_server <--> VREP_client;
```