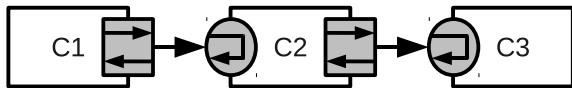


TLM



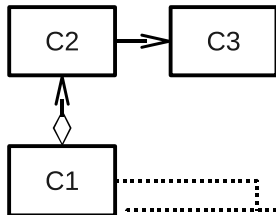
```

SC_MODULE(C1) {
  ...
  sc_port<...> c2_port;
  ...
  void c1_behavior(){
    ...
    c2_port.operation0(...);
    ...
    c2_port.operation1(...);
    ...
  }
};
  
```

```

SC_MODULE(System) {
  ...
  C1 *c1;
  C2 *c2;
  C3 *c3;
  ...
  c1->c2_port(c2);
  c2->c3_port(c3);
  ....
};
  
```

OOP



```

class C1 {
  ...
  C2 c2;
  ...
  void c1_behavior(){
    ...
    c2.operation0(...);
    ...
    c2.operation1(...);
    ...
  }
};
  
```