[Wikipedia](http://en.wikipedia.org/wiki/Facade_pattern) has a great example of Facade pattern.

/\* Complex parts \*/

class CPU {

public void freeze() { ... }

public void jump(long position) { ... }

public void execute() { ... }

}

class Memory {

public void load(long position, byte[] data) { ... }

}

class HardDrive {

public byte[] read(long lba, int size) { ... }

}

/\* Facade \*/

class ComputerFacade {

private CPU processor;

private Memory ram;

private HardDrive hd;

public ComputerFacade() {

this.processor = new CPU();

this.ram = new Memory();

this.hd = new HardDrive();

}

public void start() {

processor.freeze();

ram.load(BOOT\_ADDRESS, hd.read(BOOT\_SECTOR, SECTOR\_SIZE));

processor.jump(BOOT\_ADDRESS);

processor.execute();

}

}

/\* Client \*/

class You {

public static void main(String[] args) {

ComputerFacade computer = new ComputerFacade();

computer.start();

}

}