



```
AppVideoEncoder {  
    encode(file);  
}
```

* a structural design pattern that provides a simplified, unified interface to a complex subsystem. It hides the complexities of the system and provides a cleaner, easier way for the client to interact with it.

- Facade: a class that provides a simple interface to a complex set of classes.
- Subsystem classes: complex or detailed classes that facade delegates to.
- Client: uses the facade instead of dealing with multiple subsystem classes directly.