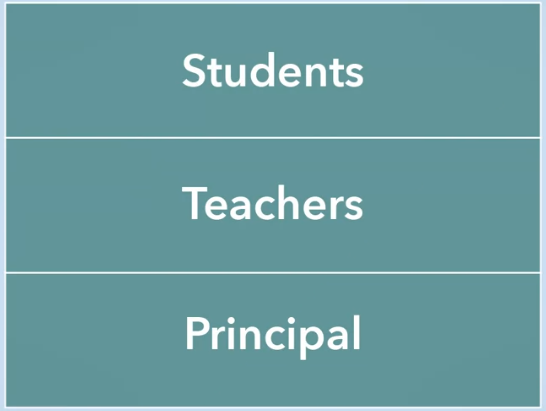
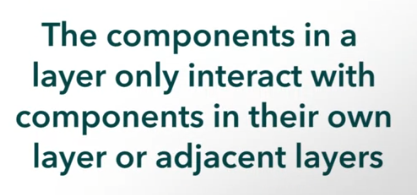


Layered structure

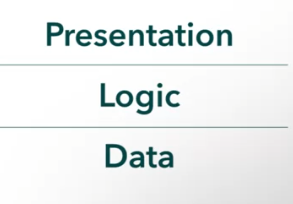


Key structure

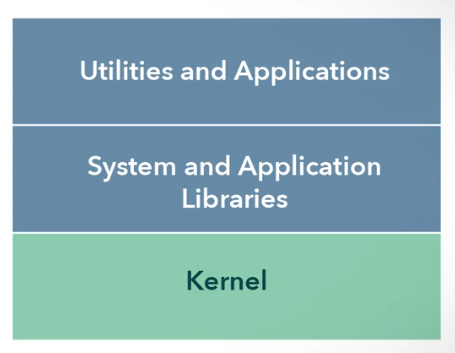


How layers are separated





Example:



Obvious benefit

* Can perform task without needing to know the other layers
* Can be run in different authorization level
  + **Sandboxing**

Top level

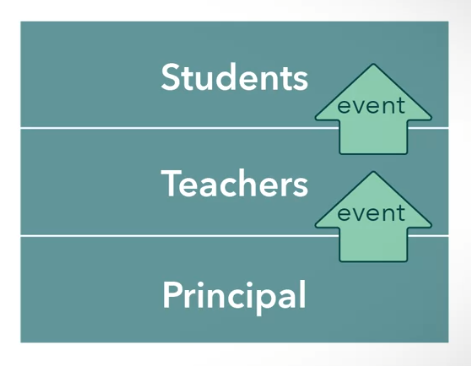




* More loosely coupled

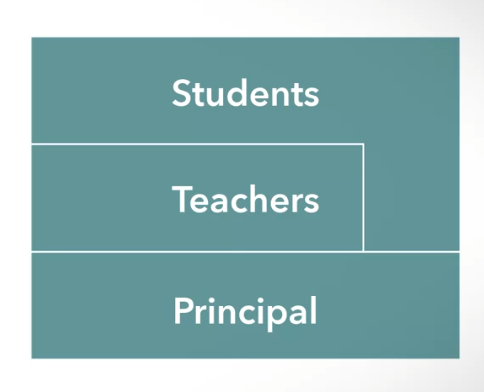


Efficiency trade-off



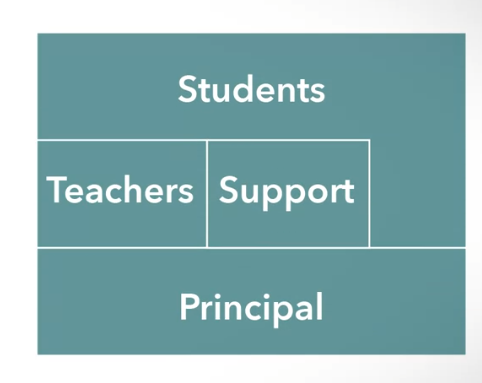
* Extra communication
  + Balance overhead and separation of concerns

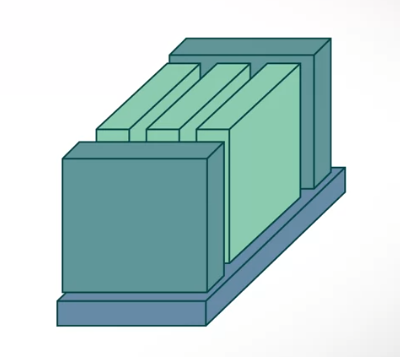
Passthrough



* But leads to tighter coupling

Other solutions





Why use?

* Intuitive
* Separation of concerns
* 