

Object Collaboration

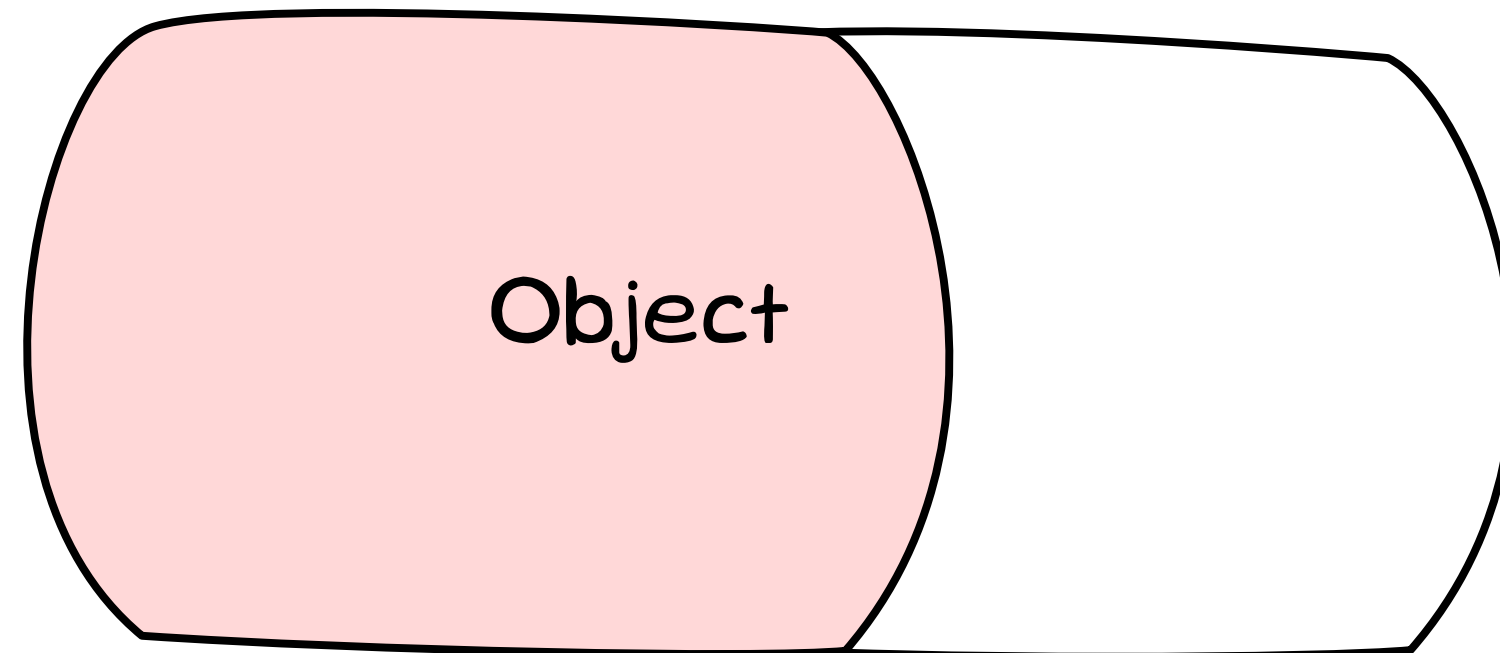
Charlotte Pierce



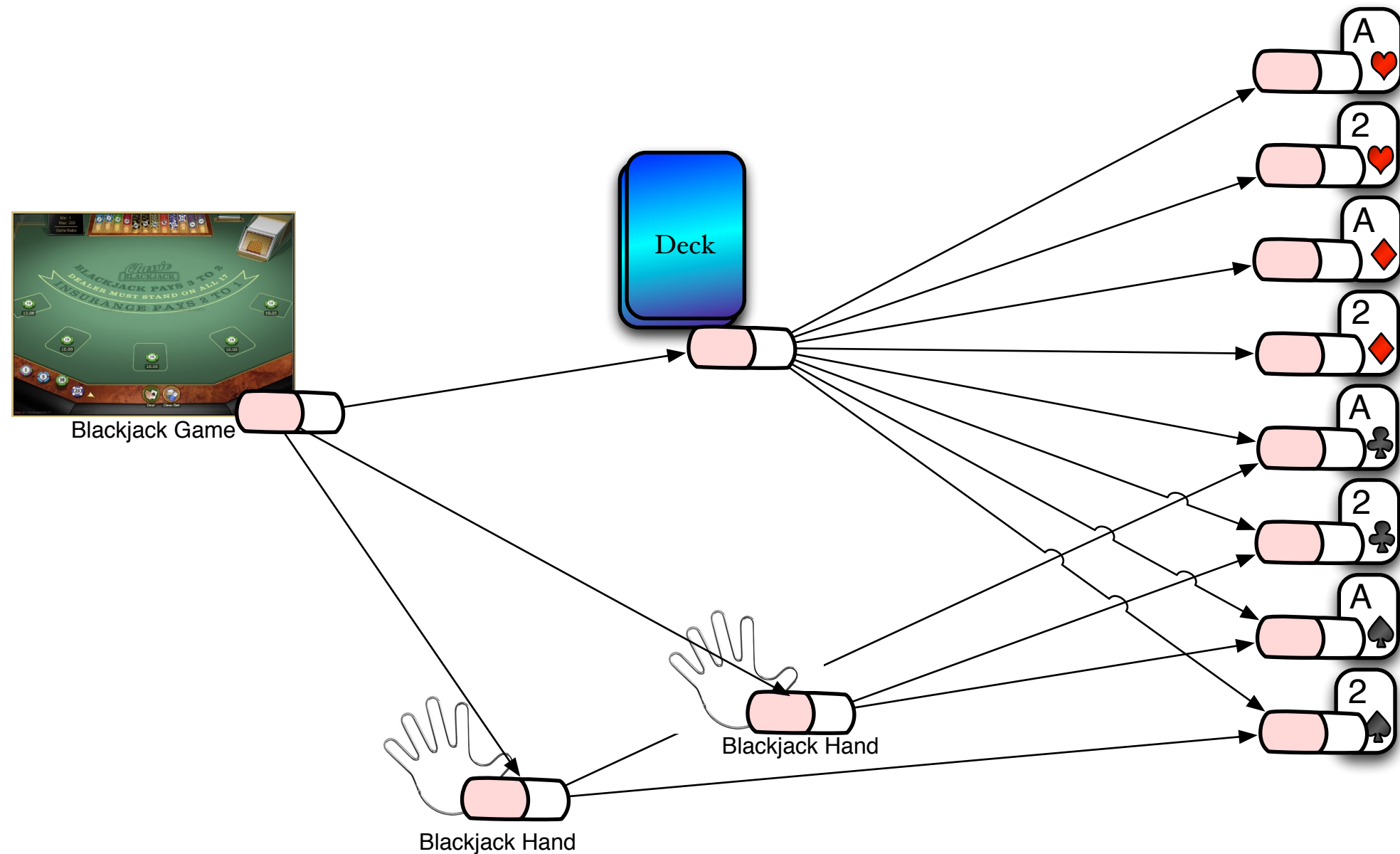
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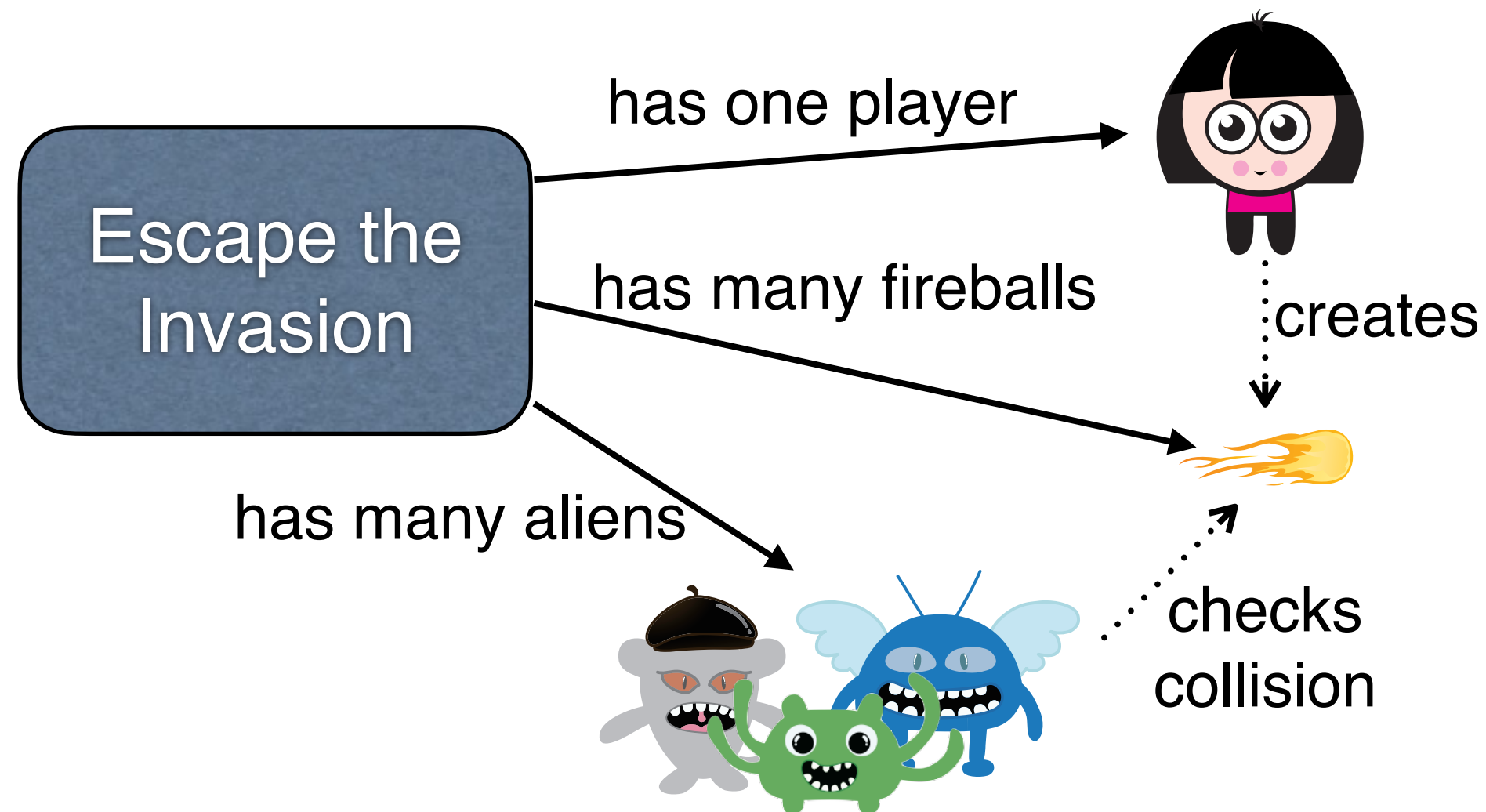
Object oriented programs are
designed around the idea of objects



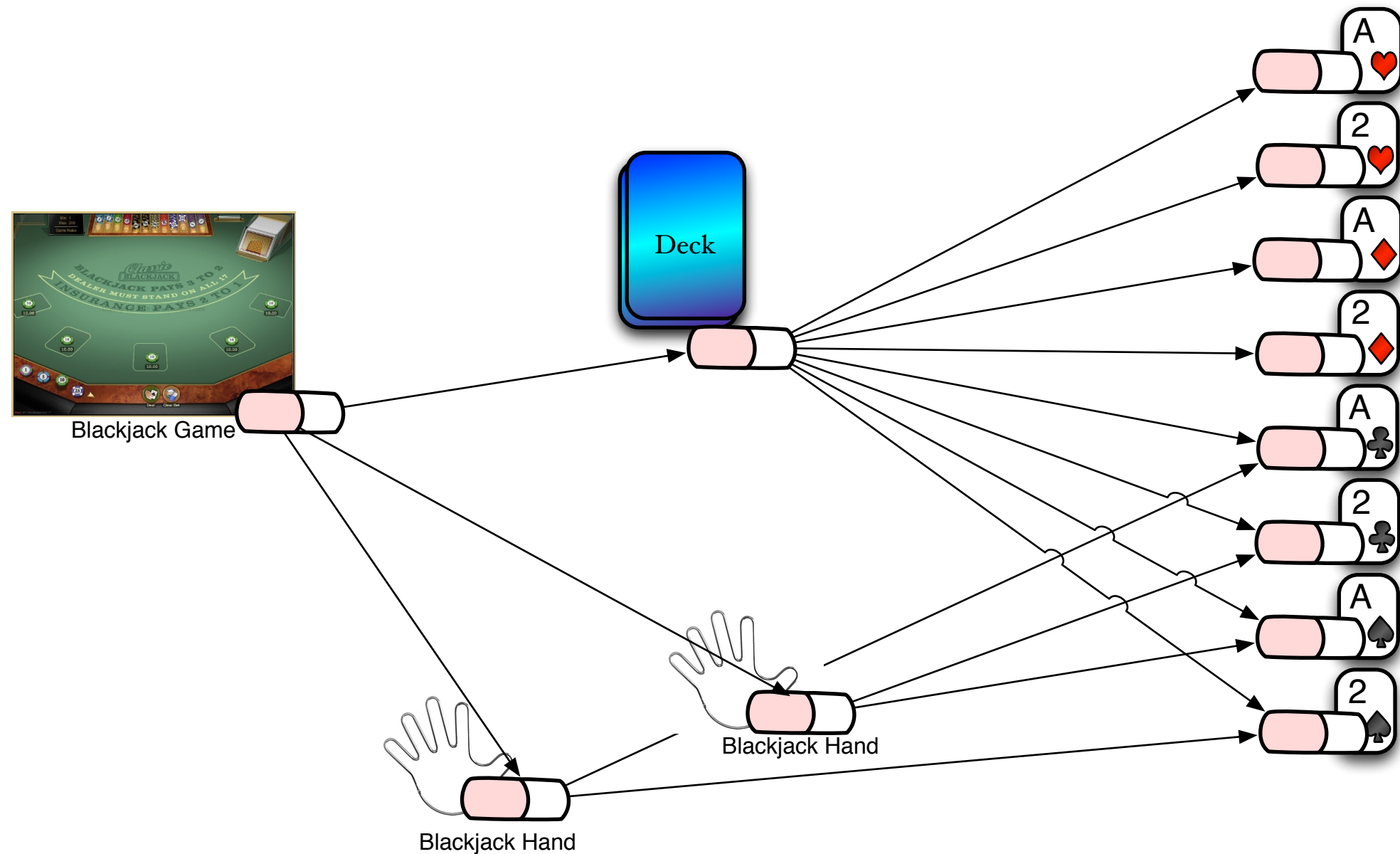
Developers use objects to create useful components



Object oriented programs usually contain many objects of different kinds



To work effectively objects will need to interact to achieve program goals



Use object relationships to
enhance the power of your
object oriented programs

There are three main kinds of relationships

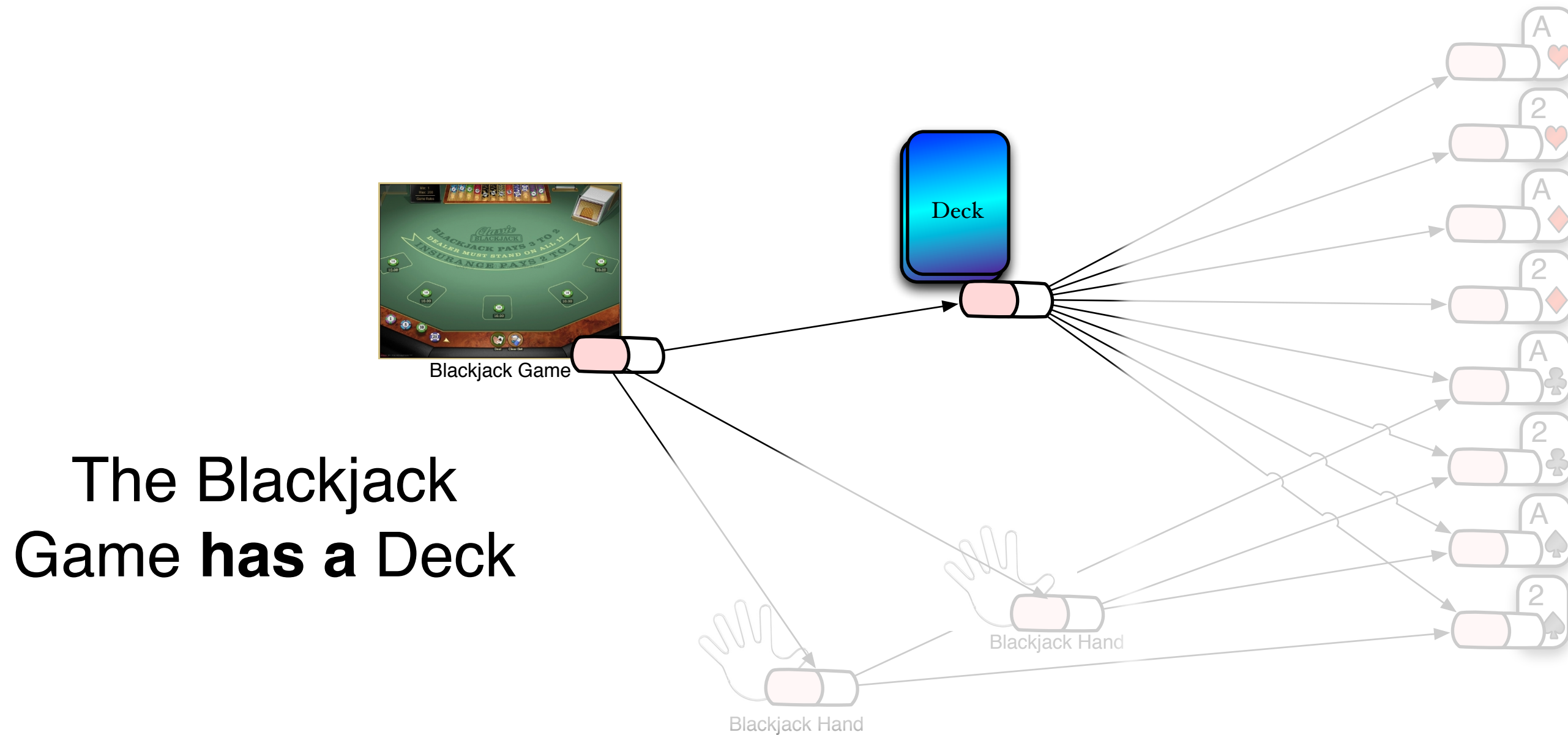


Association

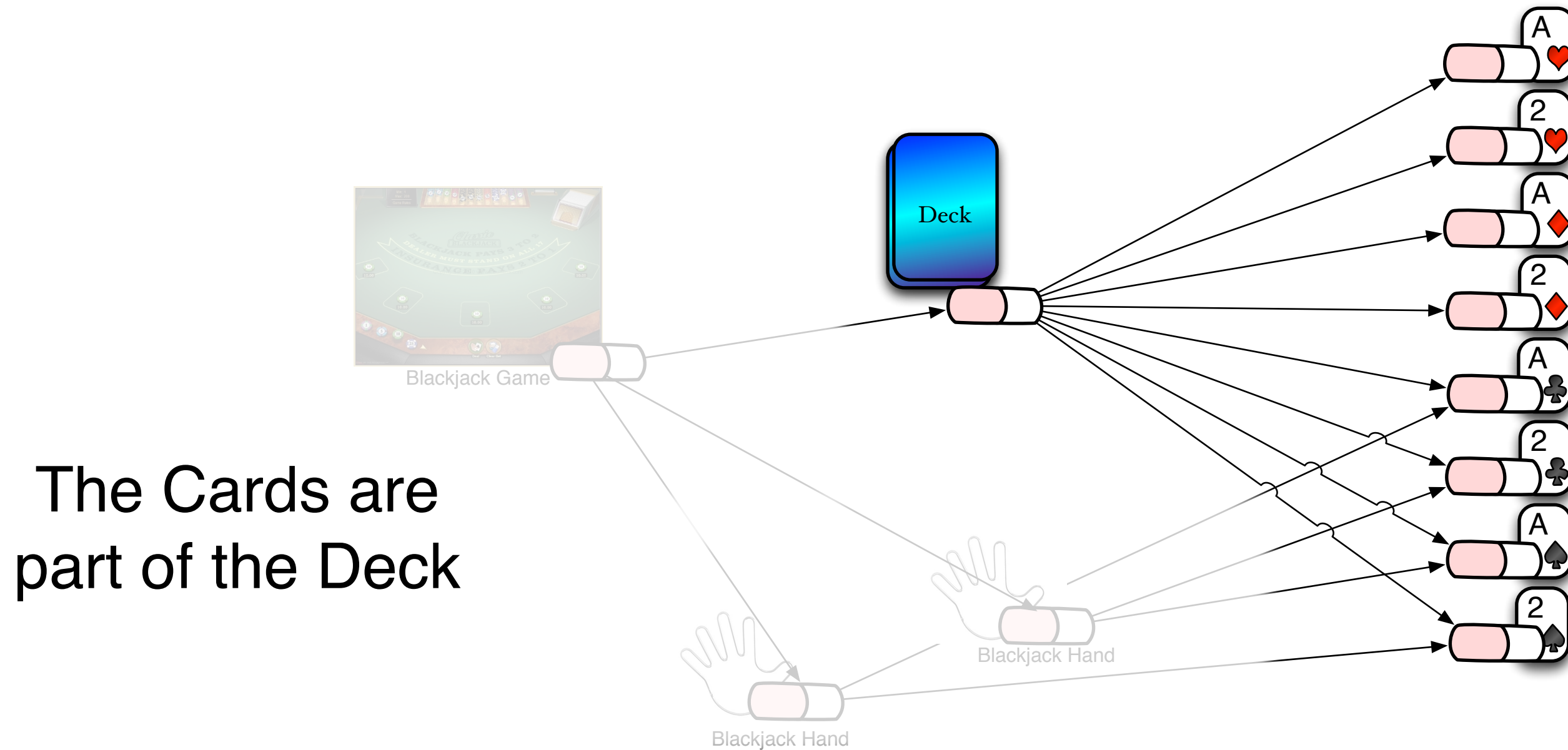
Aggregation

Dependence

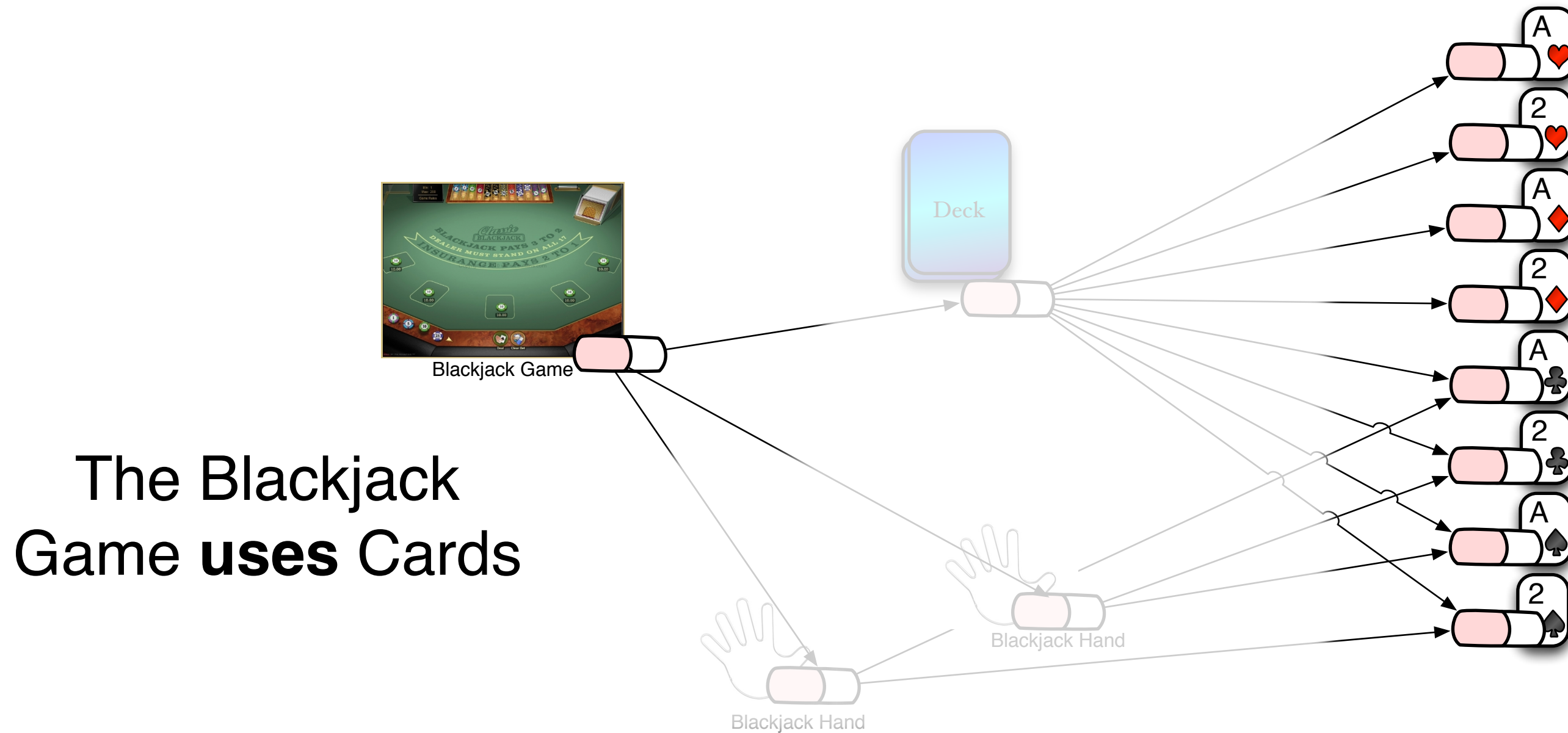
Use association for "has-a" kind relationship



Use "aggregation" for whole-part or container



Use dependency for temporary "uses" style relationships



Will you be able to setup and
use object interactions in
your programs?

To achieve great results
object oriented programs
need many objects

Use object relationships to
enhance the power of your
object oriented programs

Start your objects
communicating!