# Ex. spawners in a Gauntlet-style game

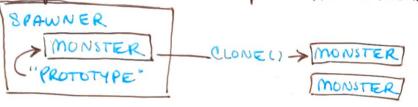


" an object can spawn other objs similar to itself.

"Any monster can be used as a prototy pal monster used to generate other versions of they."

ogive base class an abstract clone () method which when implemented provides a new obj === in class of state to itself

tempeate used to stamp out more monsters



\*since the spawner holds

state we can make one for
a fast/slow oghost big/small,

strong/weak oto by

Clone () in each monster class of working through a deep vs. Shallow clone

Errong/weak, etc. by Creating a prototype Junat ghost.

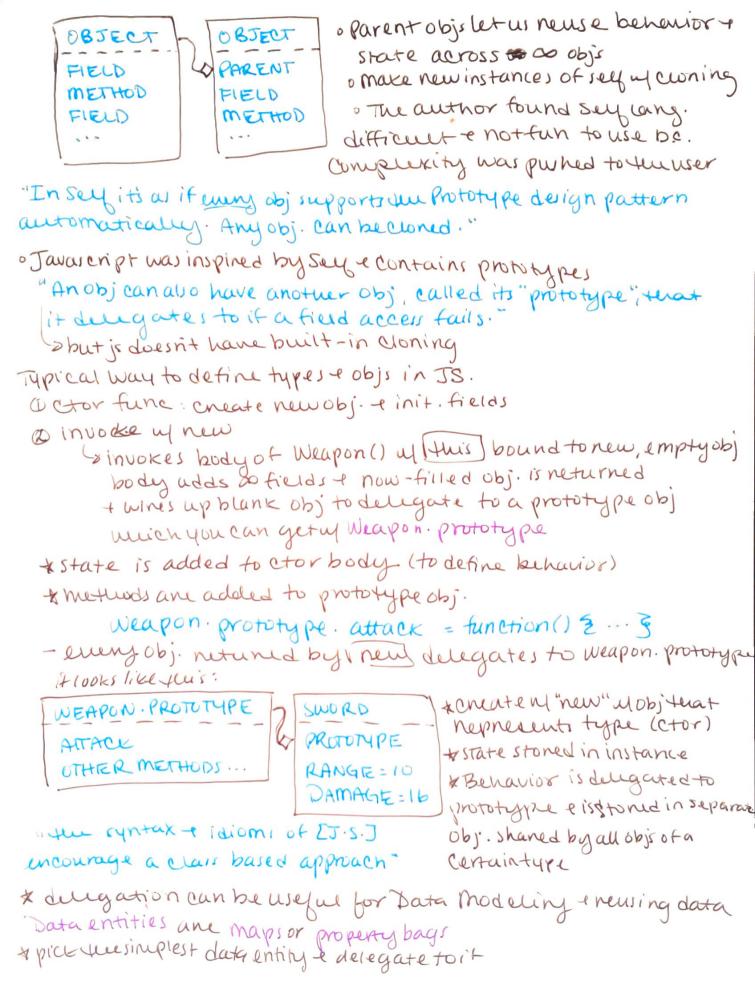
AThis isn't saving us aton of code eassumes each monster has its own class. It tend to use component of Type object to avoid needing separate classes per entity

\* could eneate spawn [monster] functions instead extrem stone a function per in the spawner

The Prototype Language Paradigm

"... the defining characteristic of OOP is that it tightly binds state e behavior together."

\*Talks about the Self Language that has delegation of no classes but still binds data ebehavior. We look for inherited methods who perto its panent (which can be changed at runtime of dynamic inheritance)



"name": "goblin grunt",

"min": 20,

"max": 30,

"resists": ["cold", "poison"],

"weaknesses": ["fine", "ight"]

\*makes it easier to tentue difference blu types e 1 flexibility for designers \* prototypes are saying "if I don't have turinfo, look over here" "name": "goblin wizard",

"prototype": "goblingrunt",

"speus": Efireball"]

Ename: "goblin archer",

"prototype": "goblingrunt",

"attacks": ["short bow"]