

OOP

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graph TD; OOP((OOP)) --> Top[Compoition, Aggregation, Delegation]; OOP --> BottomLeft[Encapsulation, Polymorphism, Inheritance]; OOP --> BottomRight[Classes, Objects, Attributes, Method];
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Compoition : Object owns (or multiple)

Aggregation : Referring : an object calls an other one

Delegation : Using function with an aggregation or a composition

Encapsulation : The Wrapper
Abstraction

Polymorphism : When a parent form an object takes several forms

Inheritance : Simple
Multiple
Classification

Classes : It's special type of function

Objects : Stock in attributes
Instances of class

Attributes : Call instances variables

Method : Contains the dynamic
behavior of the class