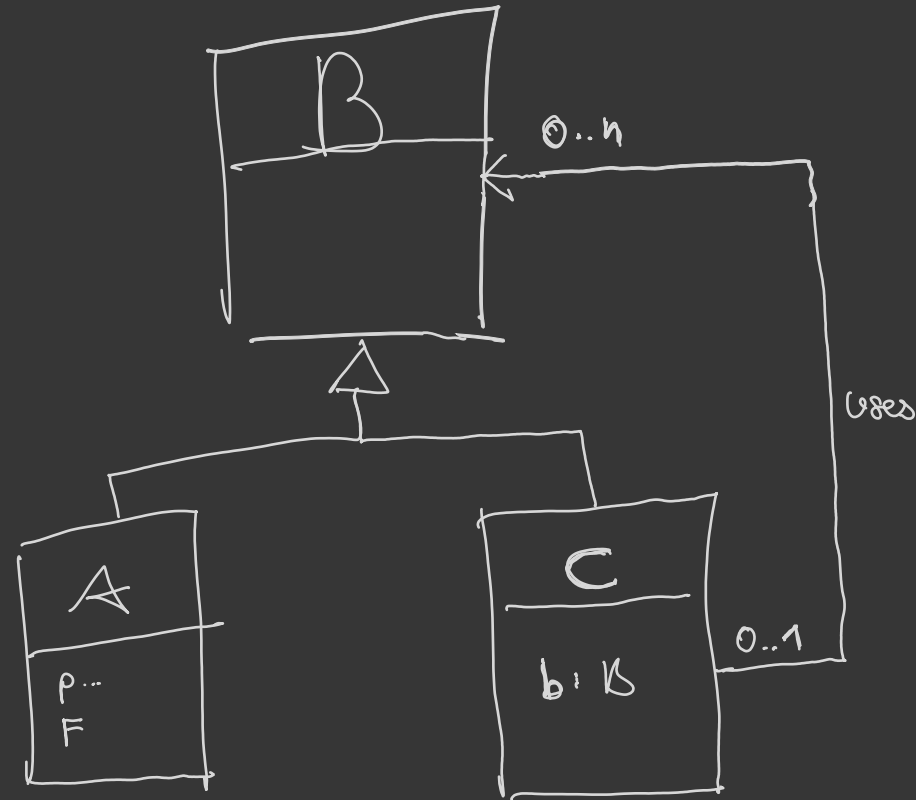
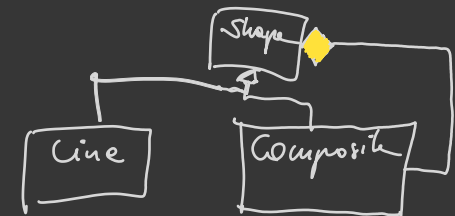
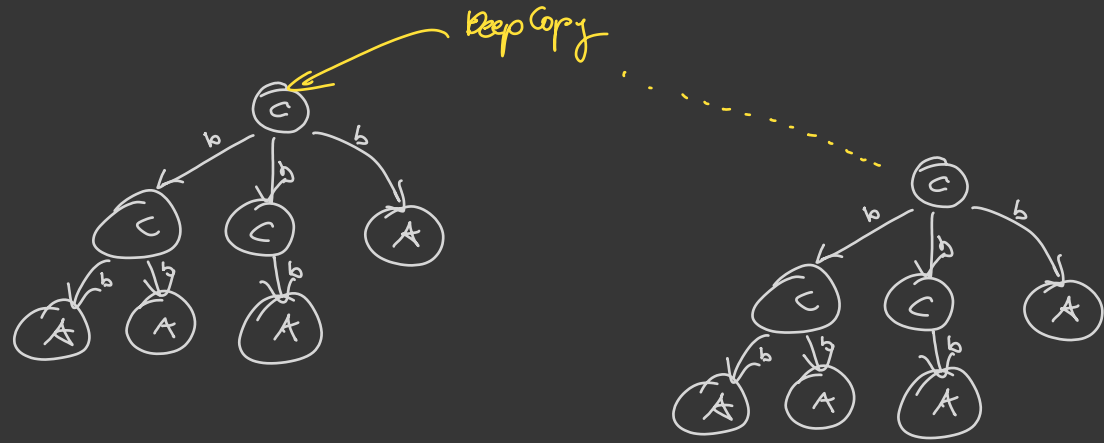


Composite Pattern



Bei Shapes:
"starke Aggregation"





Obj.-orientierte Implementierung von Stack als ADT

Mod 00 Stack

Interface

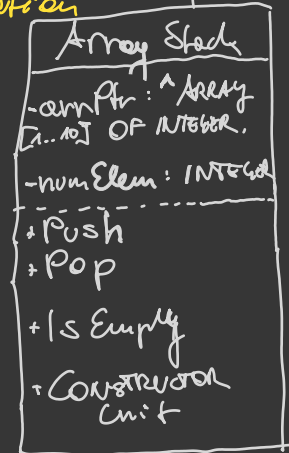
FUNCTION

Create Dyn Array Stack: Stack

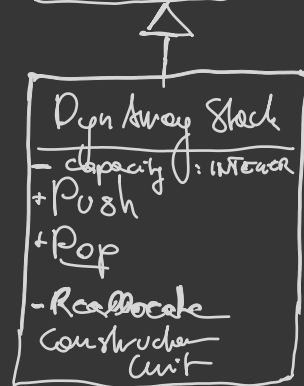
Create Array Stack: Stack



Implementierung



---- Fehler wenn Elem > max



----- Realloc INHERITED Push

---- Realloc INHERITED Pop

INTERFACE

TYPE

Stack = POINTER

IMPLEMENTATION

PROC Push (s: Stack; val: INTEGER);
BEGIN

Internal Stack (s)[↑].arr [pos] := val;

problematische Typ-Umwandlung

] mit Model

PROC Array Stack . Push (val: INTEGER);
BEGIN
arr [pos] := val;

] new OOP

