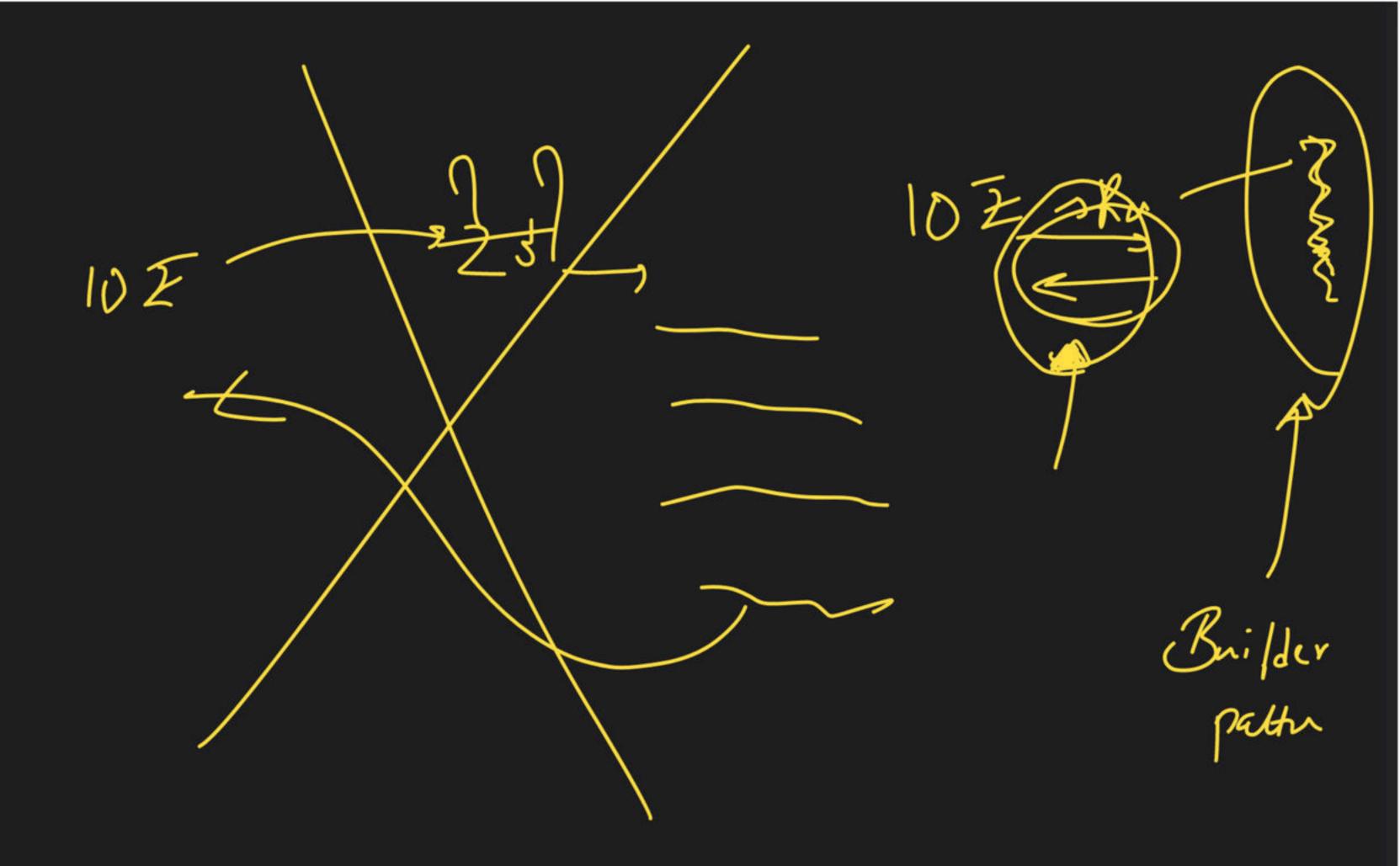
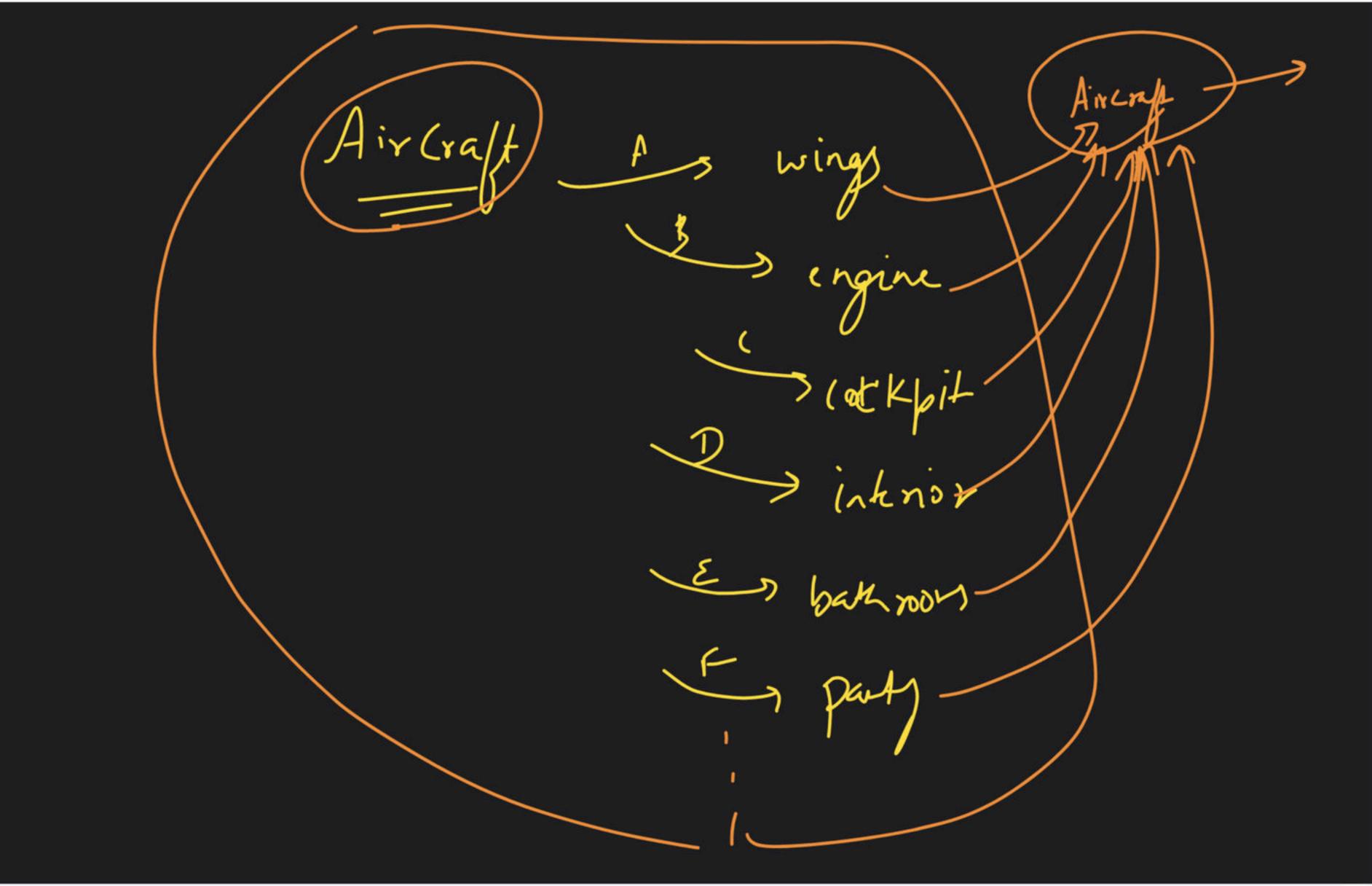


Special class

xyz() Buj His Xy2 (g.) Eyin Xy2(5,9 b) Cartson X12 (a, b, 7) This x Do y shel (ontouch

Pattern: obj/ (omposit) Builder (Oxygragate) Builder hide of reating procus

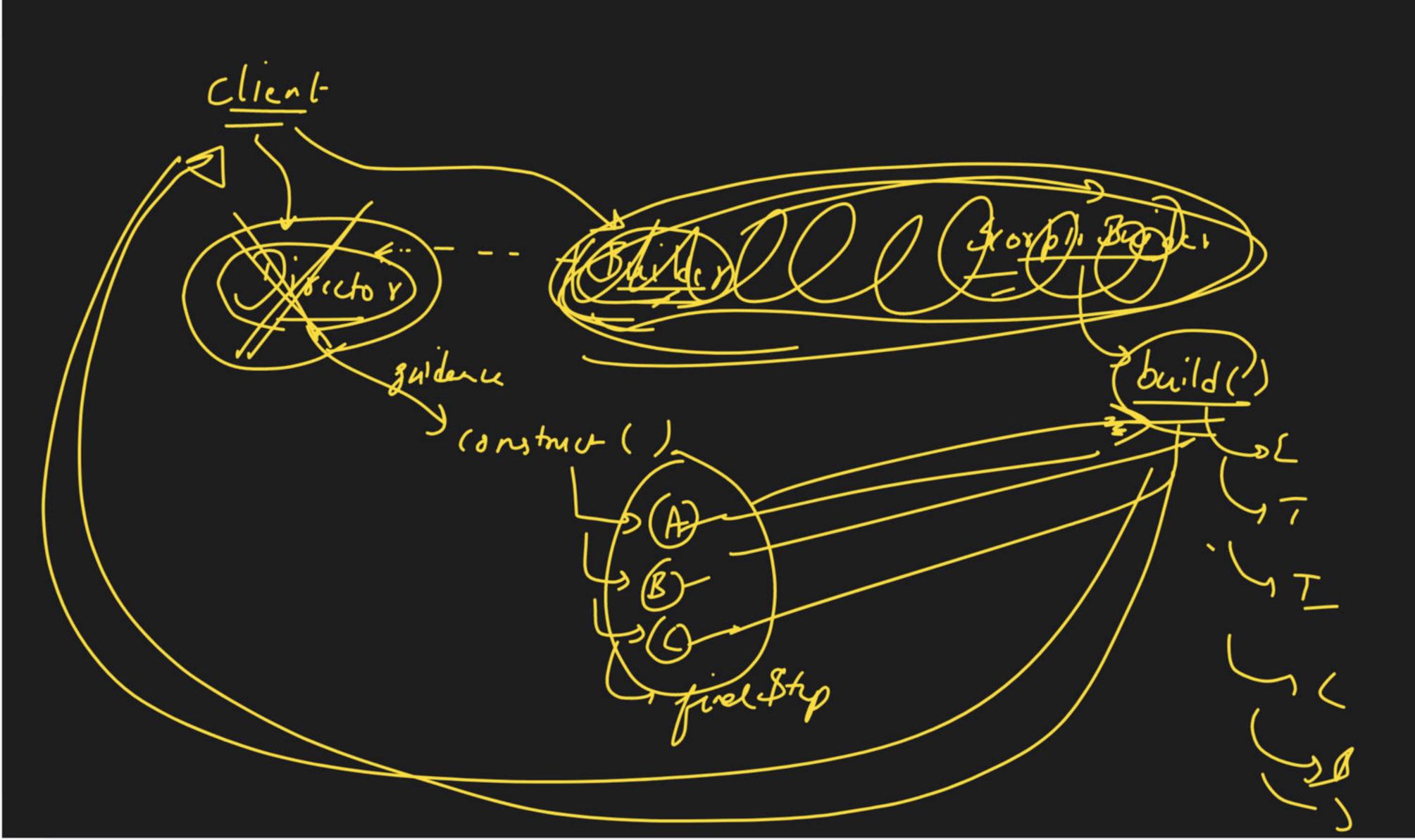




Aircraft (new with Cockpit Lith Room with Water (Biskni) vita Maysji (Yiper) with Majale (Gazannande) witzgarnit/ (hear) ·bwild()

Players of Director) directs construction of object Builder - implementation End -> firel Object (Suilder)

Car Builder With Body Shung Client SLOT WIBBUN 184 gui dans Scorpis Builder Director Fox herer Builder Ychun Swa pio Kohurn frommer



Builter Abstract factory

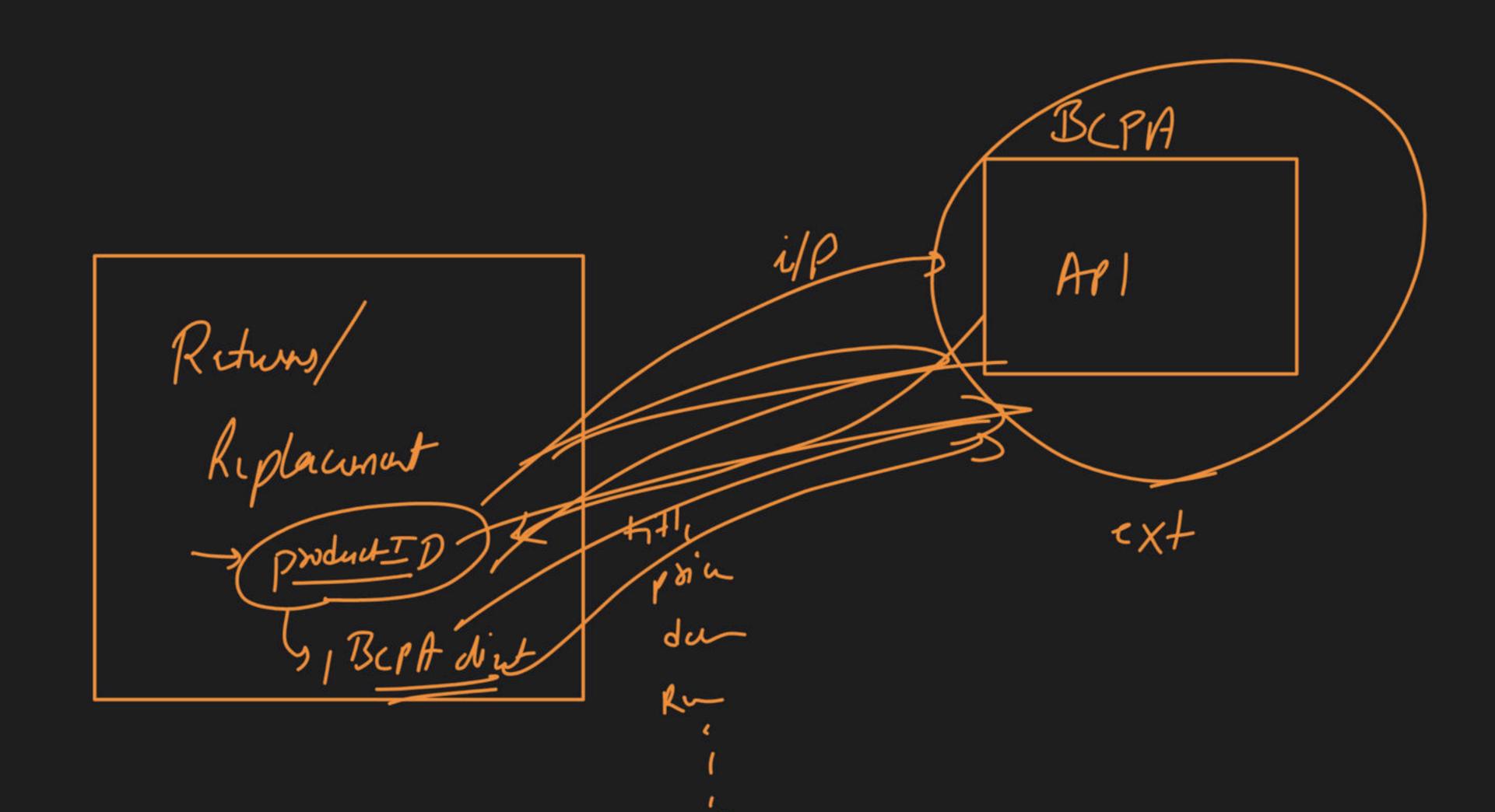
application liptimus, Singleton

> private Constructiv() s class data member

public Continutor () Moment Corre Client Car u = new-(cer ()

gingleton ar gethstands dight y

Aircout Onc



instance == null Kaisc Java -> 2 renediy

lazy-initisation Jawa > (x project) wentye of (A) Synchronical -> Lock early initalisation (B) Static - initiliaratic - sperformana initalisation - on - demand static (Aonc)= (now Aonc) gethske()) ihm Aone de pendency X

1) Synch -> exp -> Louis D Static - mil- -> performe -> Carly-inil anthalisation on downed Holder . INSTANCE

Meyer's Approach

Sighton

Sighton

Scritt

Mar det of 1= NUL L_ lous

Double-checked Locking! Obj nati bara -s (Lock y) Obj pehlese Coik bera here 1

C++rava -s(vdatily) LOCK louk. 2 Synchronited synchronised if (057 == NULL) 1/2 - Next