18/03/2023 Taller Prust, session 13 prog. funcional (map, reduce) d'operaciones bitwise: 1,&,1,<<,>> 15 conversion int -> bits -o int float -> bits -> float Socret, comunicación messajes + complejos. 1) control del await.

Operaciones <u>bitwise</u>: 10101111 - buste 8 bits (+, or)(hns, *) & ^ (XOR) < Desplazamiente <

>>> Desplozamient -D

1010 1 1 11 0 1 0 1 0 0 0 0 1 111111 10101111 11 11 0000 111111

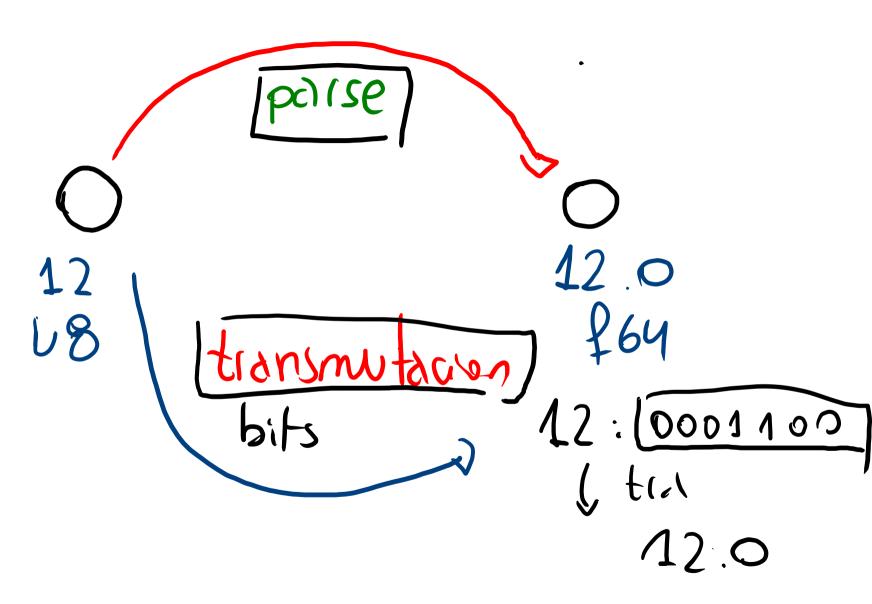
(And)

0 0 0 0 0 1 1

Deplazamiento (byte=8bit= U8) 101011111 0101110 1 1 1 0 00 00 c Qué bit es en possion 5?.

8 7 6 5 4 3 2 1

1 0 1 9 11 11 ((2) = 3)Indias: $\frac{1}{7}$ $\frac{1}{6}$ $\frac{1$ 1 11 0 0 0 / >>> ?= 7 0000000



mem: transmule (src. Dest)

i32 (Dentero signals) bites (entero signals) Allay bytes.

[0.255; 4]

U32:MAX// 132. MAX

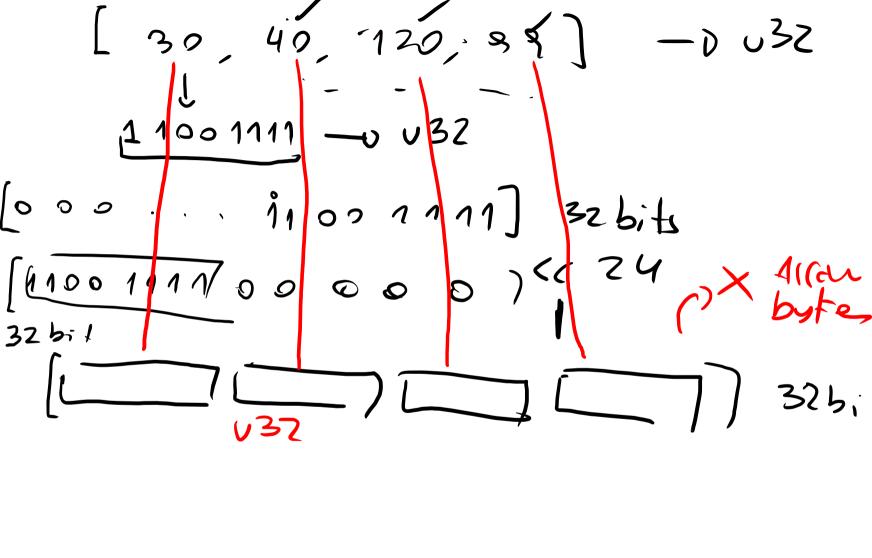
- D # especit.

32 bils

Anhande volver A convertir suber et tipo deston [225.234,255,200] -> U32 ->

i32 < 0

[1...,] - -



conversion de flotentes £64 Preludio, op. funcionales [a, b, c, d] -o iter(). map/1/15 Sim (U) 3) collect(). reduce. [a,b,c,d] -> iter() fold (Valor_inid) 0_ub4, 1 1acc, V1 acc | fn (V)

[fn(a), fn(b), fn(c), fn(d)] fn(a) | fn(b) | fn(c) | fn(d) result

64 bit.

array bytes to-bits 0 64° bits - p U64 transmutacion prombils

4 bu W

UNIX Socret Servel Chent Protocolo.

Protocolo Mensare 4 bytes 2 bul U32/U/6 100.000.000 bytes