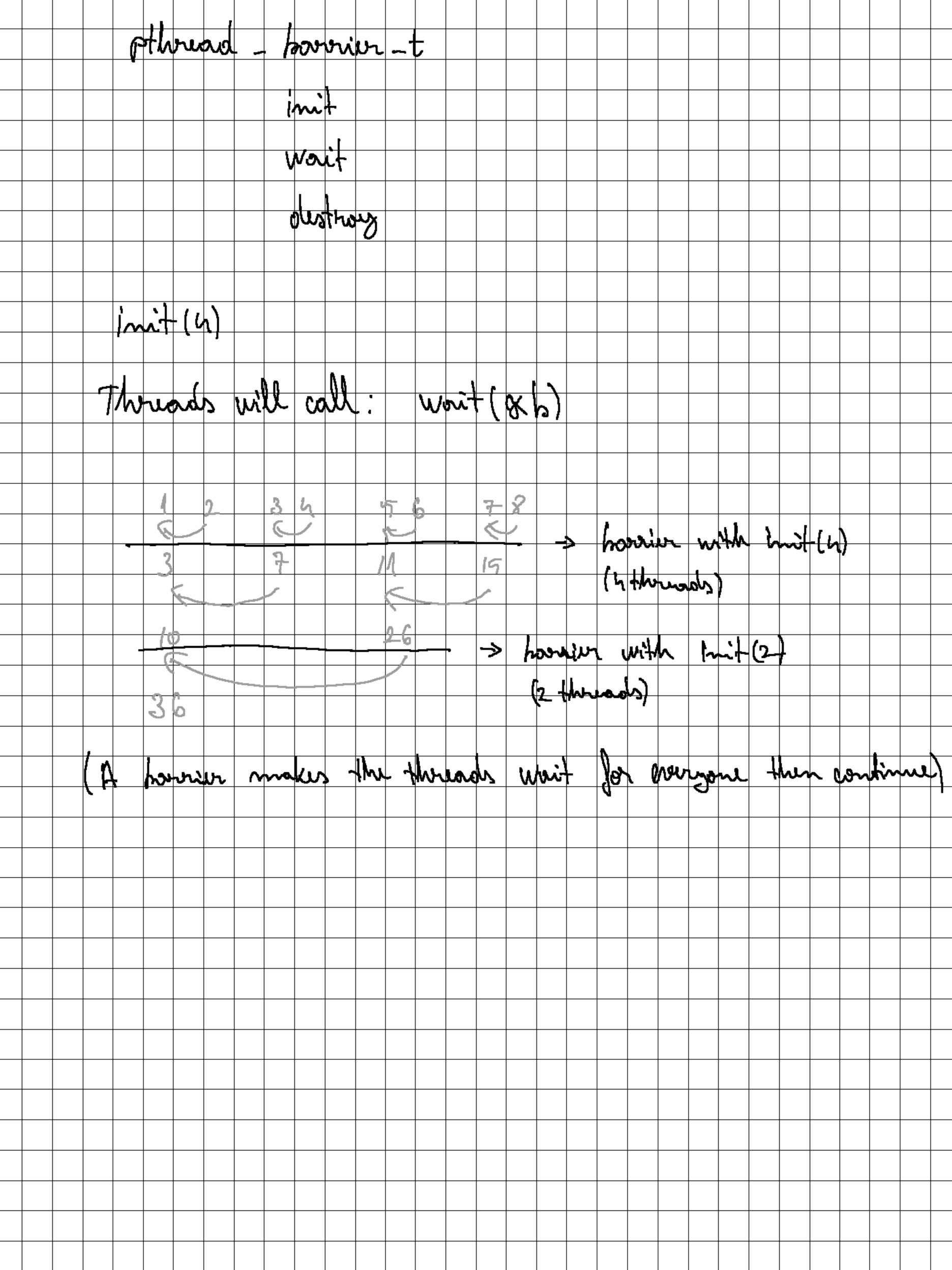
pthread_mutex well (xm Vonitical Action work Thylock mlock (xm mboll dustranx series in next polivion - RWlock wwwws readury ralbell(8l) whenk(8l) mit // change Rolleck // consult 11 critical 11 wortshiers Wrlock //worights unlow (XL) Modry unbock (Xl) dustroy ruspilosm Waiting Cond low(xm) (mx) xw i) (condition) while (condition) signal (xc) wait (&c,8(m) +wow flents wo // obo-stuff (mx) wohn unwck (&m) traslacart inside work. granterly won't to waking



Simophore limits the threads mide the critical section Wor sinory sunaphorie Thruads: wait (& 5)

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#inched < stolio-h > # include < pthrusol.h> phureau musex t > (siev) of lever 1/ (twm==0)/ pint/("0/m"); phywd - mwlx - mbok (&m) July NULL Void Jol Void # b While (100) Phrianol-mutix-bek (&m); phriad-milex_mbik(&m) rutum NUU

int main (int vego, char ## argo) phund to to, to; phonesa mirk init (xm, Mull); phowol-create (x4, NVII, Ja, NULL); phonol-create (X+b, NVII, Jb, NULL); pthread_join(to, NVLL); Johnson (Ho, Null), pthruad - muter - distroy (&m) Jutumo,

#indude < stolio-h> # indude + phurad h phread mutex t ma, mb; void Jal void * a) JON (1 = 0) (00) ; 1++) pthread_matex_book (&ma); ("m) ("m); phouse - may - well & mb) rutury Nully d* lover Jal lover John (1 = 0) 1 = (00) ; (++) phhead mutex - how (8mb); (" b(m)), ; (om &) swalme_subma-bourd int main (int vego, char ## argo) 5 phurad to ta, th; phonesa murk _ init (x ma, Wull); phonesa music _ init(x mb, WULL); pthriad - minks - lock (x mb); phound - ouale (Xta, NVIL, Ja, NULL) phonon-create (X+b, NVIL, Jb, NWL), pohread_join(to, NVLL); pthouse-son (th, Null); phruad_mutex_distroy(&m); Jahun o.

