Operating Systems
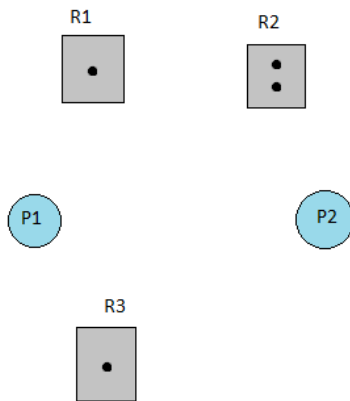# Project 18

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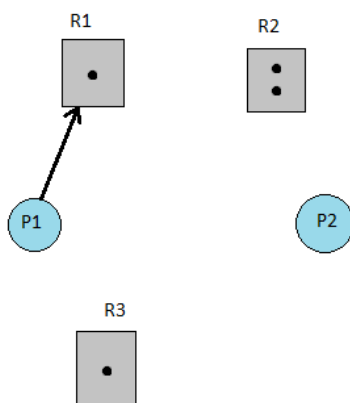
Matthías Páll Gissurarson
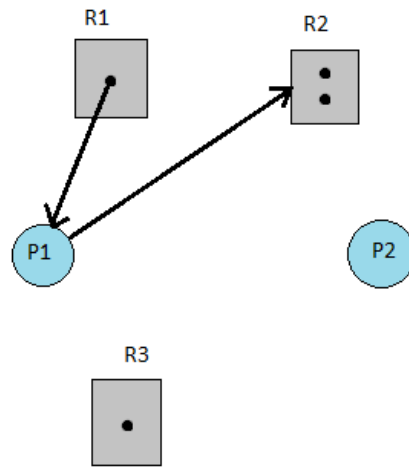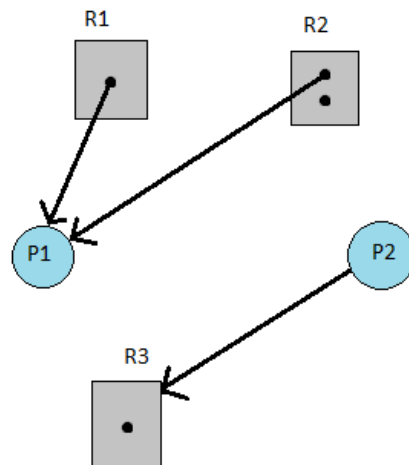mpg3@hi.is

13. mars 2013
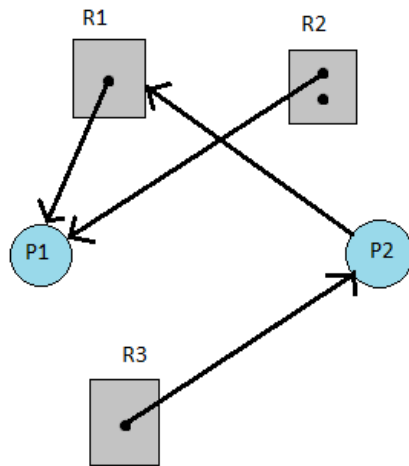
1

Mynd 1: At the beginning
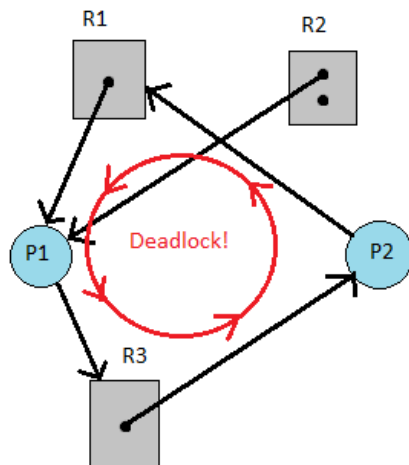

Mynd 2: P_1 requests R_1

Mynd 3: P_1 is assigned R_1 and requests R_2

Mynd 4: P_1 is assigned an instance of R_2 and P_2 requests R_3

Mynd 5: P_2 is assigned R_3 and requests R_1

Mynd 6: P_2 is not assigned R_1 as P_1 has it. P_1 requests R_3 but will not get it because P_2 has it. Neither process can continue as they are both waiting for a resource the other one has but will not release until it has finished. We can also see the cycle clearly, it is a deadlock.

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