The hierarchy of structures

Ring

SemiRing

AbelianGrp
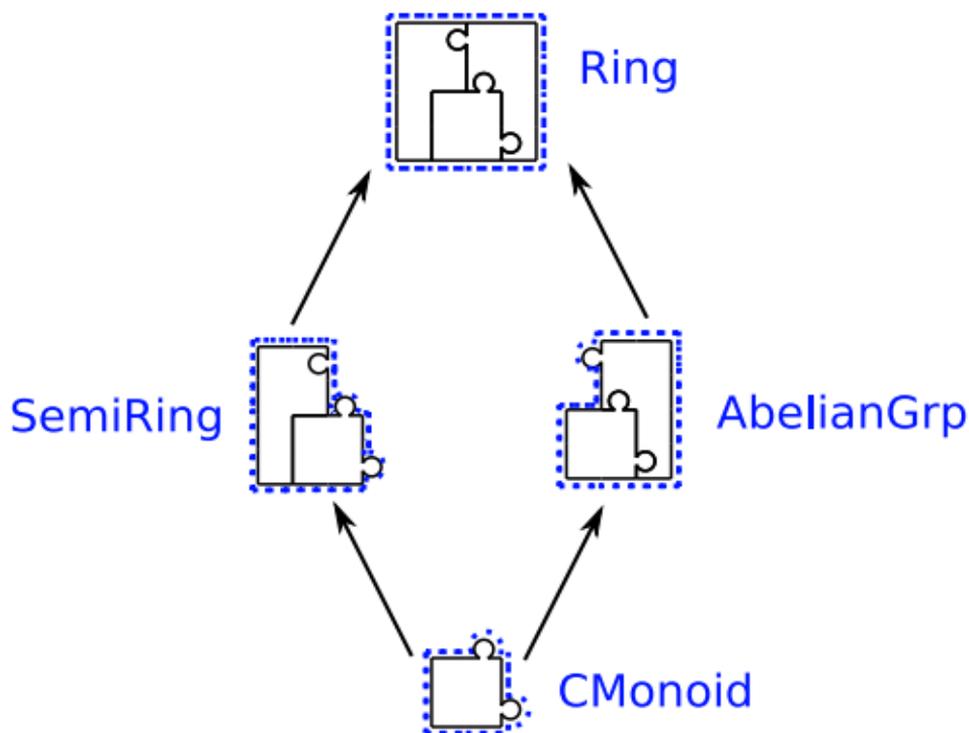
CMonoid

## The puzzle pieces (mixins)

CMonoid_of_Type
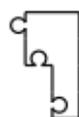
AbelianGrp_of_CMonoid

SemiRing_of_CMonoid

The "virtual" puzzle pieces (factories)

Ring_of_Type