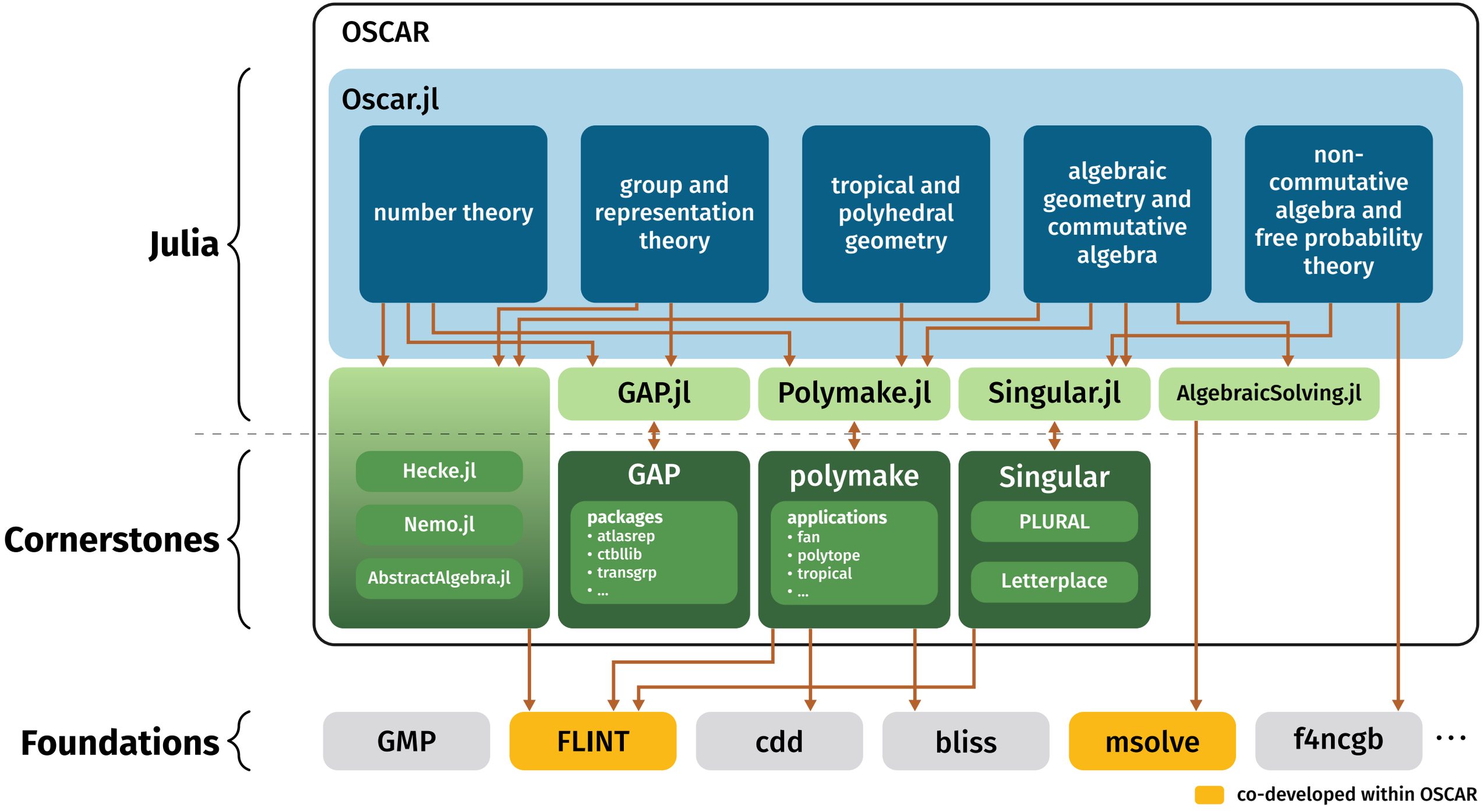

OSCAR
Oscar.jl
number theory
group and representation theory
tropical and polyhedral geometry
algebraic geometry and commutative algebra
non-commutative algebra and free probability theory
Julia
GAP.jl
Polymake.jl
Singular.jl
AlgebraicSolving.jl
Hecke.jl
Nemo.jl
AbstractAlgebra.jl
GAP
packages
• atlasrep
• ctbllib
• transgrp
• ...
polymake
applications
• fan
• polytope
• tropical
• ...
Singular
PLURAL
Letterplace
Cornerstones
Foundations
GMP
FLINT
cdd
bliss
msolve
f4ncgb
...
co-developed within OSCAR