Omega3P Solvers

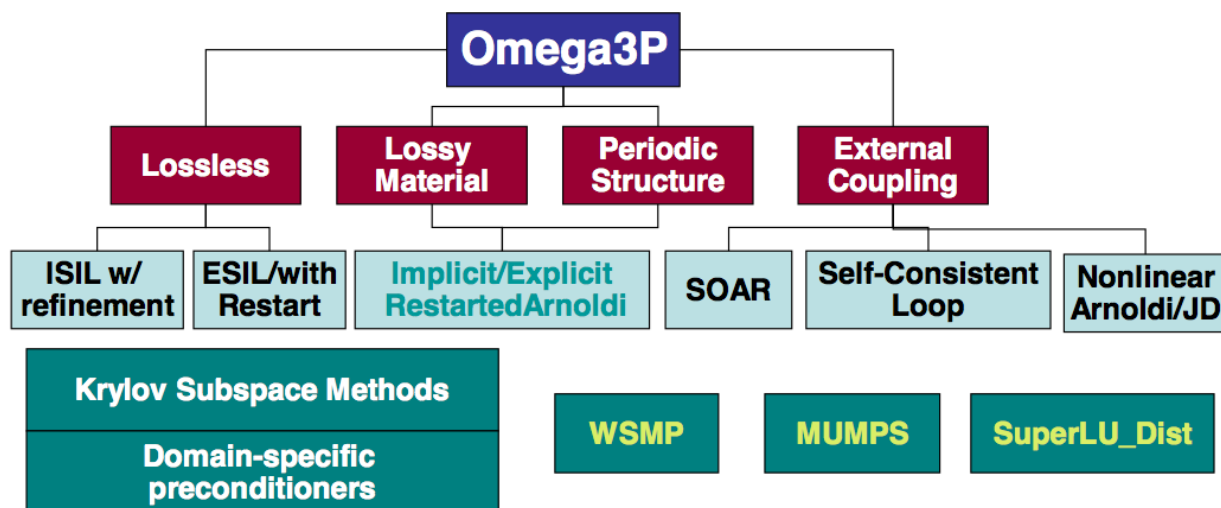| Boundary Conditions	SolverMode	Solver	Container
Periodic and Lossy	*	ESIL (Periodic only allows this)	Arnoldi
	*	ShiftInvertArnoldi	Arnoldi
Absorbing and Waveguide	TwoTermSolver (doesn't work?)	*	NonlinearEigensolver/NEP
	QuadraticEigenValue or [QEP (only for absorbing)] -> QEPSolver	*	SOAR
	GeneralSolver->automatic	*	Arnoldi
	InverseIteration/IIT	*	NEP (for some reason NonlinearEigensolver is not accepted but then used if NEP is not found)
	QEstimation (forces Lossless and probably breaks things)		
	(anything else)	*	NonlinearEigensolver/NEP
Lossless	target, target_deflation, [QEstimation (commented out) or automatic]	ESIL, InvertMode, RegularMode, InvertMode2, BSIA, [Arnoldi or ShiftInvertArnoldi], InexactLanczos (commented out), JDQRSD (commented out)	Arnoldi
		Hybrid	Hybrid
		BlockInexactLanczos	BlockInexactLanczos

EigenSolver: {

    SolverMode:
    Solver:
    <container>:{}
}