Normalize Multipole moments Atomic density matrices Construct density Calculate density matrix Pseudo density Calculate projections Send coefs to domains Redistribute coefs General diagonalize **Blacs Orbital Layouts** Distribute overlap matrix DistributedAtomicHamiltonian Potential matrix LCAO eigensolver **XC** Correction Atomic Hartree integrate/restrict Poisson XC 3D grid vbar Hamiltonian Mix Density SCF-cycle