

- `p%init(contx,ptype,info)`: allocates and initializes the preconditioner p, according to the preconditioner type chosen by the user
- `p%set(what,val,info [,ilev, ilmax, pos, idx])`: sets the parameters defining the preconditioner p, i.e., the value contained in val is assigned to the parameter identified by what
- `p%hierarchy_build(a,desc_a,info)`: builds the hierarchy of matrices and restriction/prolongation operators for the multilevel preconditioner p
- `p%smoothers_build(a,desc_a,p,info[,am,vm,im])`: builds the smoothers and the coarsest-level solvers for the multilevel preconditioner p
- `p%build(a,desc_a,info[,am,vm,im])`: builds the preconditioner p (it is internally implemented by invoking the two previous methods)