```fortran
! Assign a process to each index, e.g. via
!(serial) Metis
if (iam == 0) then
 call bld_mtpart(. ......)
 call getv_mtpart(v)
endif
call psb_bcast(ctxt,v,root=0)
call psb_cdall(ctxt,desc,info,vg=v)
```

Global size: m = size(v)

Metis

Information on how to obtain and use Metis and its parallel version can be found at
http://glaros.dtc.umn.edu/gkhome/metis/metis/overview