How do we set up a descriptor/sparse matrix?

First step, we have to decide a distribution of the index space of our problem, and how we are going to specify it:

1. Assign a process to each index;
2. Assign a list of indices to each process;
3. Assign a bunch of consecutive indices to each process;
4. Other;

For the C interface, we have different allocation routines for the different styles:

```
psb_i_t    psb_c_cdall_vg ( psb_l_t ng , psb_i_t *vg ,
           psb_c_ctxt ctxt , psb_c_descriptor *desc_a );
psb_i_t    psb_c_cdall_vl ( psb_i_t nl , psb_l_t *vl ,
           psb_c_ctxt ctxt , psb_c_descriptor *desc_a );
psb_i_t    psb_c_cdall_nl ( psb_i_t nl ,
           psb_c_ctxt ctxt , psb_c_descriptor *desc_a );
```