

Same overall code structure with dense vectors

```
call psb_geall(x,desc,info)
do i=1, n
  if ( 'this index belongs to me' ) then
    val = 'i-th term of X '
    call psb_geins(1,(/i/),(/val/),x,desc,info)
  endif
enddo
call psb_geasb(x,desc,info)
```

The equivalent C interface code makes use of

```
psb_i_t psb_c_dgeall(psb_c_dvector *x, psb_c_descriptor *desc);
psb_i_t psb_c_dgeins(psb_i_t nz, const psb_l_t *irw,
^^lconst psb_d_t *val, psb_c_dvector *x,
^^lpsb_c_descriptor *desc);
psb_i_t psb_c_dgeasb(psb_c_dvector *x, psb_c_descriptor *desc);
```