

```
! Build a list of locally owned indices
do i=1,nl
  vl(i) = get_ith_index(...)
end do
call psb_cdall(ctxt,desc,info,vl=vl)
```

There is **NO** requirement for the indices to be contiguous, or even ordered.

Global size: $m = \text{psb_sum}(\text{ctxt}, \text{size}(\text{vl}))$

The corresponding C style allocation is obtained using

```
psb_i_t psb_c_cdall_vl(psb_i_t nl, psb_l_t *vl,
^|psb_c_ctxt ctxt, psb_c_descriptor *desc_a);
```