



In the same way, we allocate a sparse matrix object through:

```
call psb_spall(a,desc_a [, nnz, dupl, bldmode])
```

```
do i=1, n
  if ( 'this index belongs to me' ) then
    nz = 'number of entries in equation i'
    ia(1:nz) = i
    ja(1:nz) = 'list of neighbours of i'
    val(1:nz) = 'coefficients Aij'
    call psb_spins(nz,ia,ja,val,a,desc_a,info)
  endif
enddo
```

Note that remote contributions generate an overhead, hence if you are able to generate locally you'll go faster