

Rules of precedence:

- A call to `psb_cdall` must precede any calls to either `psb_spall` or `psb_geall` using the same descriptor
- A call to `psb_cdasb` must precede any calls to either `psb_spasb` or `psb_geasb` using the same descriptor

*Note:* Most routines in PSBLAS must be called synchronously by all processes participating in a context; these include all the computational, allocation, and assembly routines.

The insertion routines `psb_XXins` are the main exception, as are called independently; a subsequent call to `psb_XXasb` is required for synchronization.