

Each context (MPI communicator) identifies a virtual parallel machine:

```
call psb_init(ctxt [, np, basectxt, ids])
call psb_info(ctxt, iam, np)
call psb_exit(ctxt [, close=.true.])
```

Rules:

- `psb_init` *must* be called before anything else;
- Creates a new communicator: the library communication is cleanly separated from the application;
- It is legal to specify a (permuted) subset of the available processes;

MPI interoperability

```
mpicomm = psb_get_mpi_comm(ctxt)
mpirank = psb_get_mpi_rank(ctxt, id)
```