

How to pass hints to MPI from HDF5

To set hints for MPI using HDF5, see: [H5P_SET_FAPL_MPIO](#)

You use the 'info' parameter to pass these kinds of low-level MPI-IO tuning tweaks. In C, the calls are like this:

```
MPI_Info info;
MPI_Info_create(&info);

/* strange thing about MPI hints: the key and value are strings */
MPI_Info_set(info, "bg_nodes_pset", "1");

H5Pset_fapl_mpio(plist_id, MPI_COMM_WORLD, info);

/* and now pass plist_id to H5Fopen or H5Fcreate */
file_id = H5Fcreate(H5FILE_NAME, H5F_ACC_TRUNC, H5P_DEFAULT, plist_id);
```