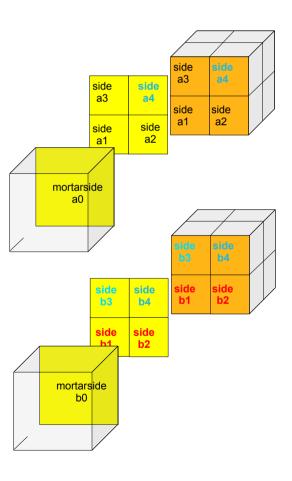
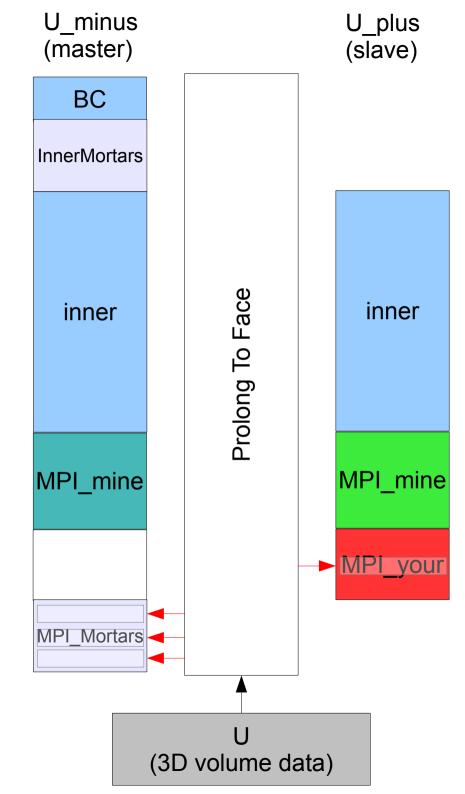


## ProlongToFace for MPI sides

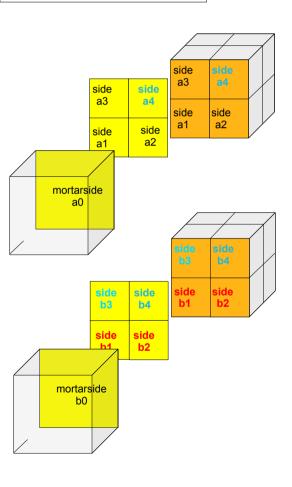
MPI mortarside are not communicated! A MPI mortarside has at least one small side belonging to MPI\_your

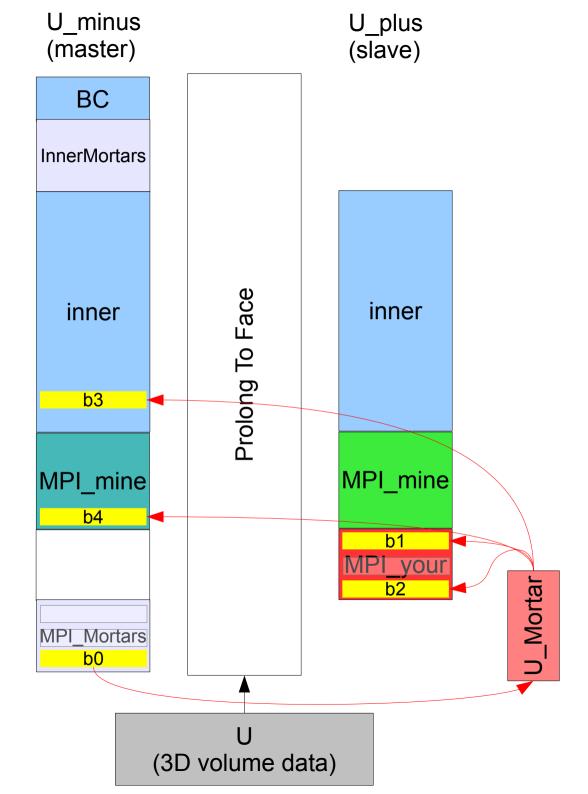


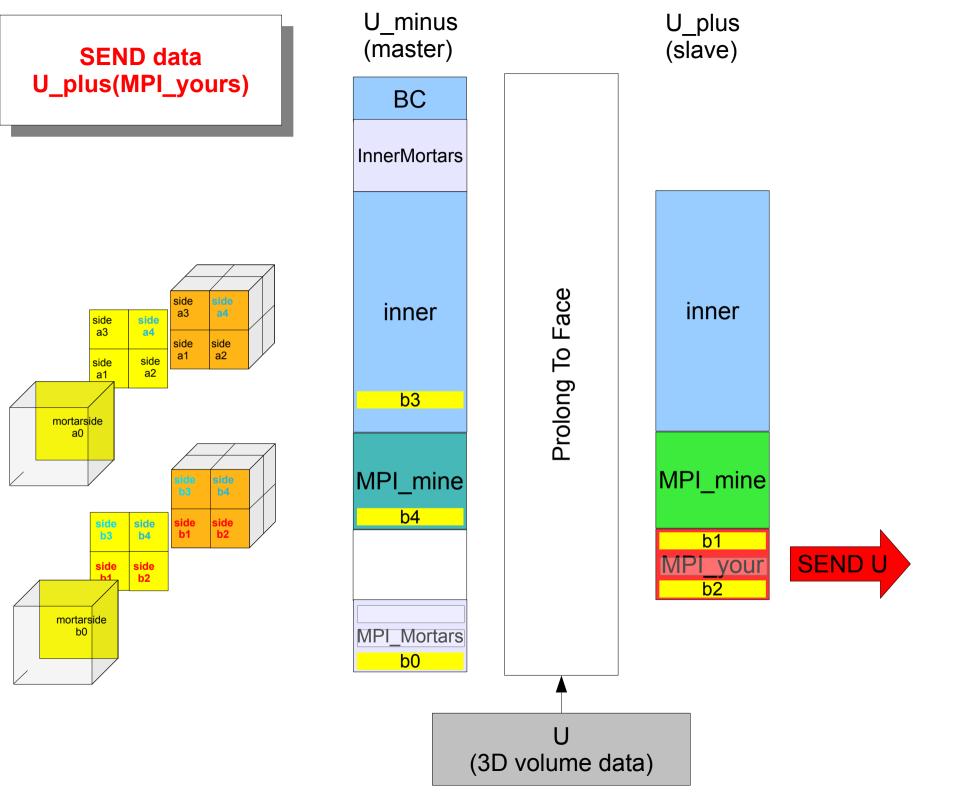


## interpolate U from MPI mortarsides to small sides

A MPI mortarside has at least one small side belonging to MPI\_your

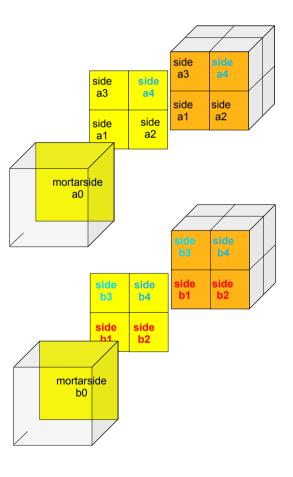


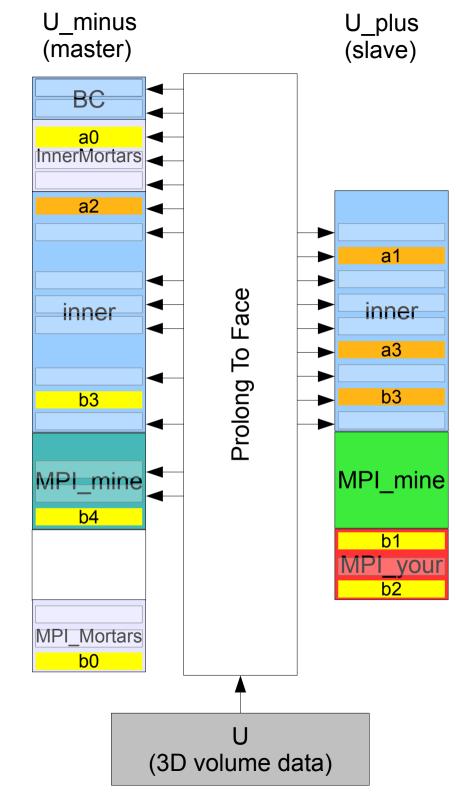


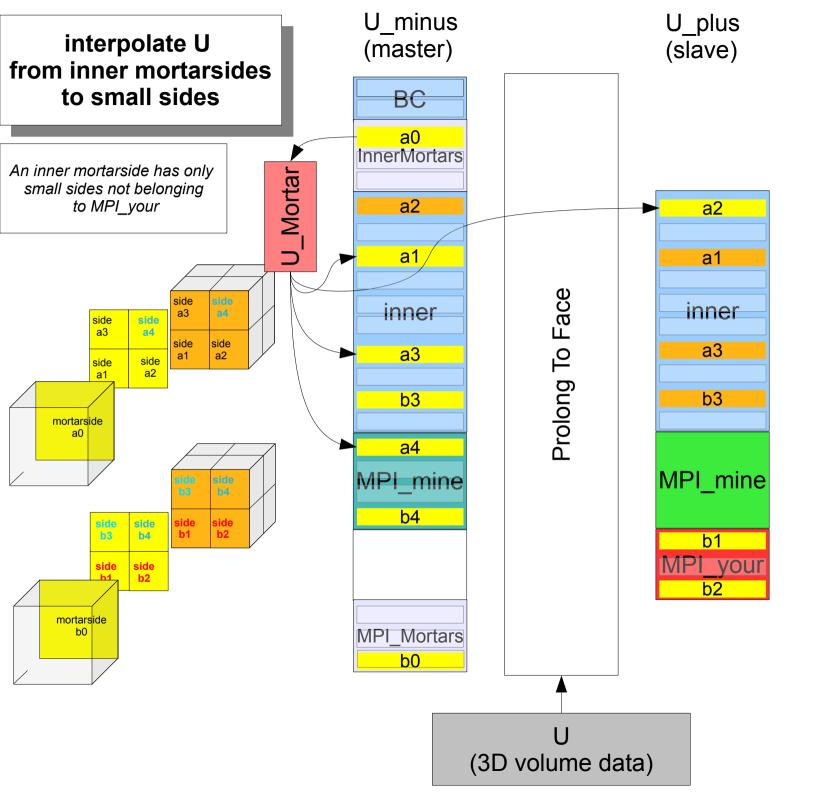


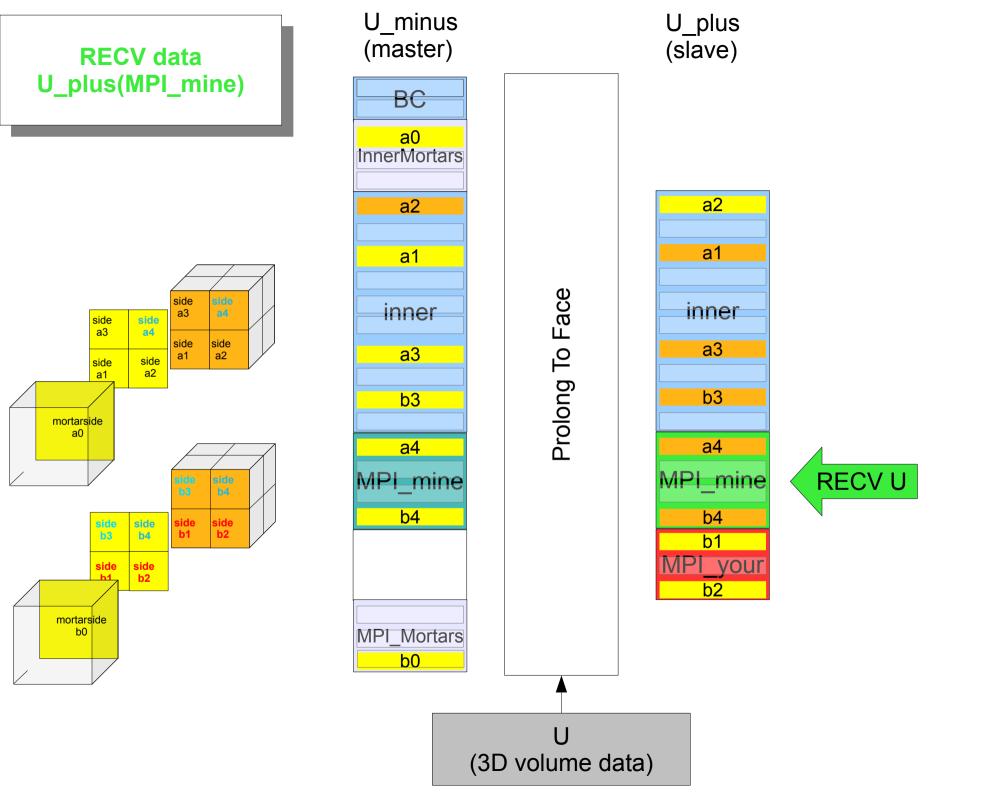
## ProlongToFace for BCs, inner mortarsides, innersides and MPI\_mine

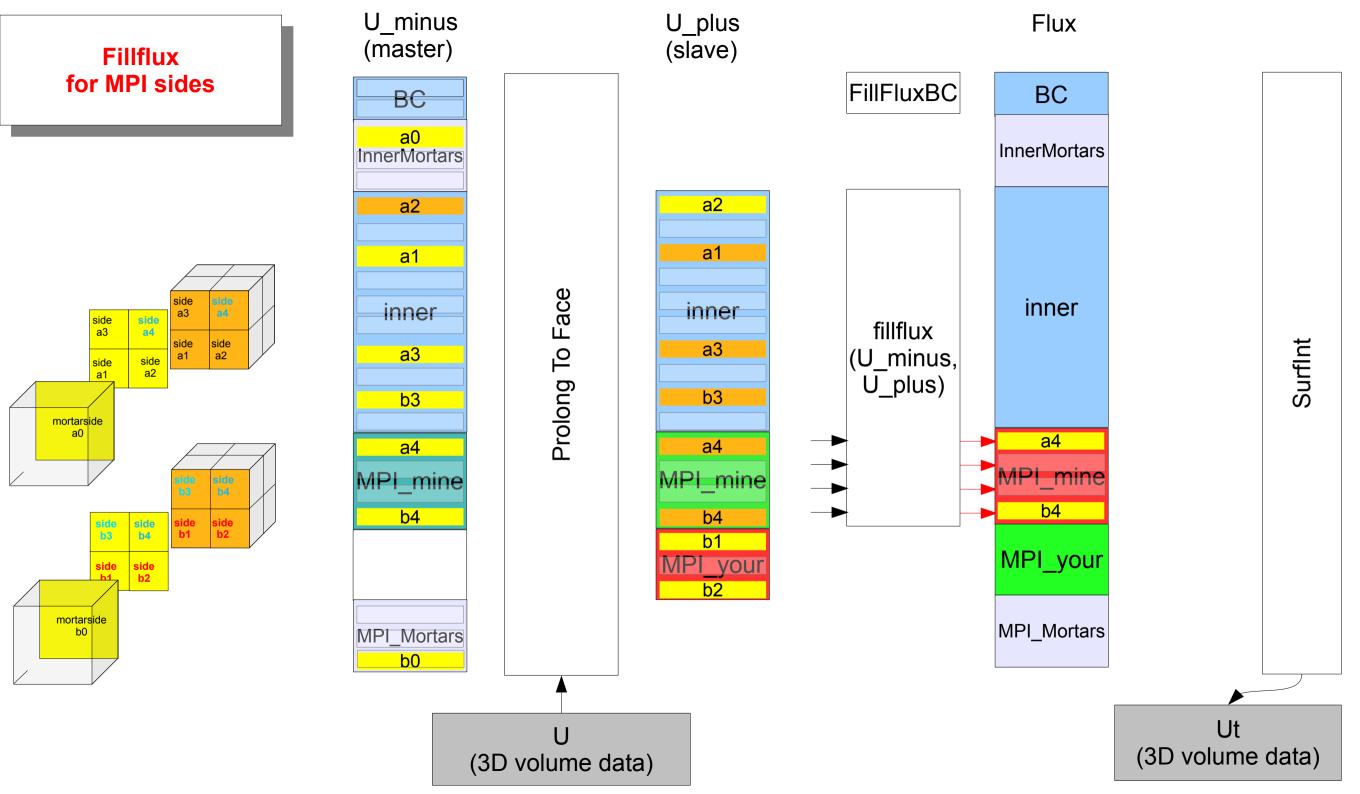
An inner mortarside has only small sides not belonging to MPI\_your

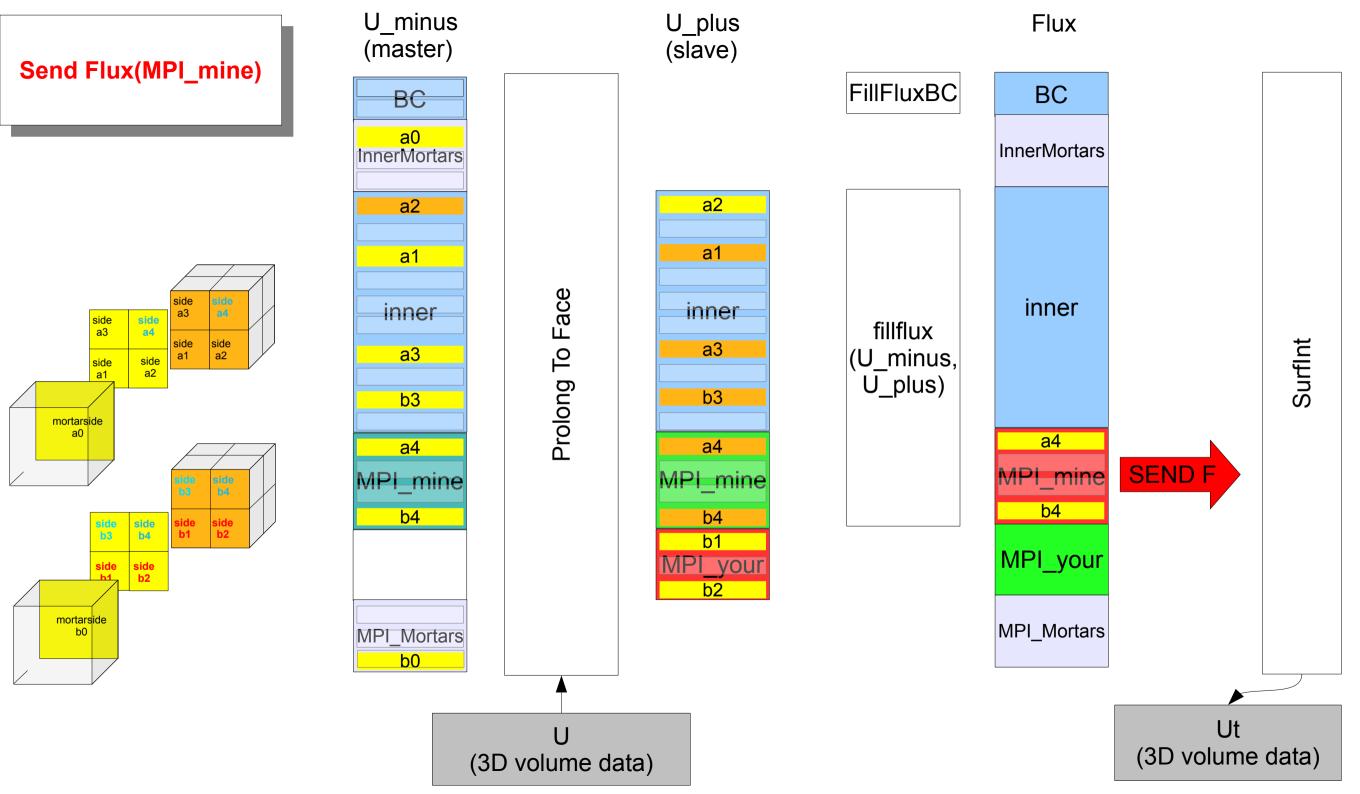


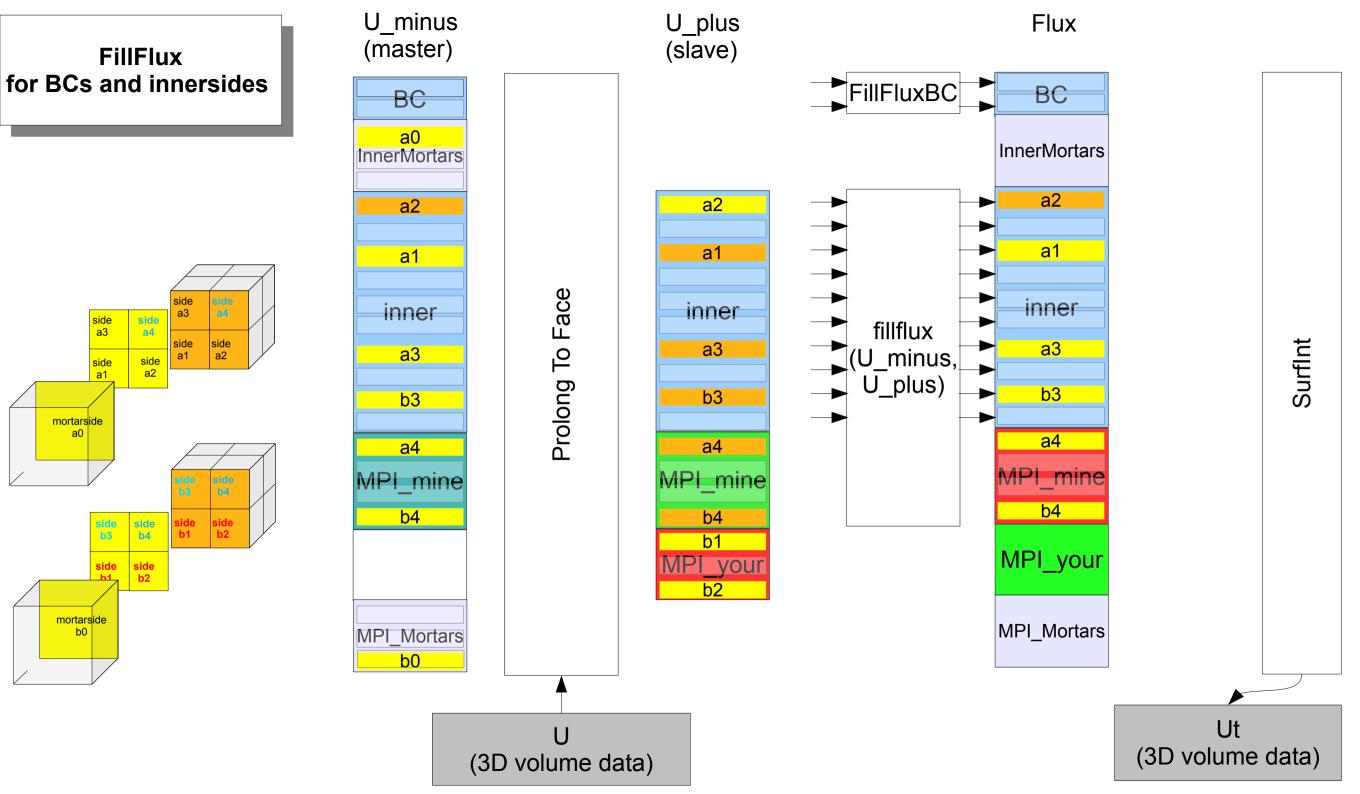


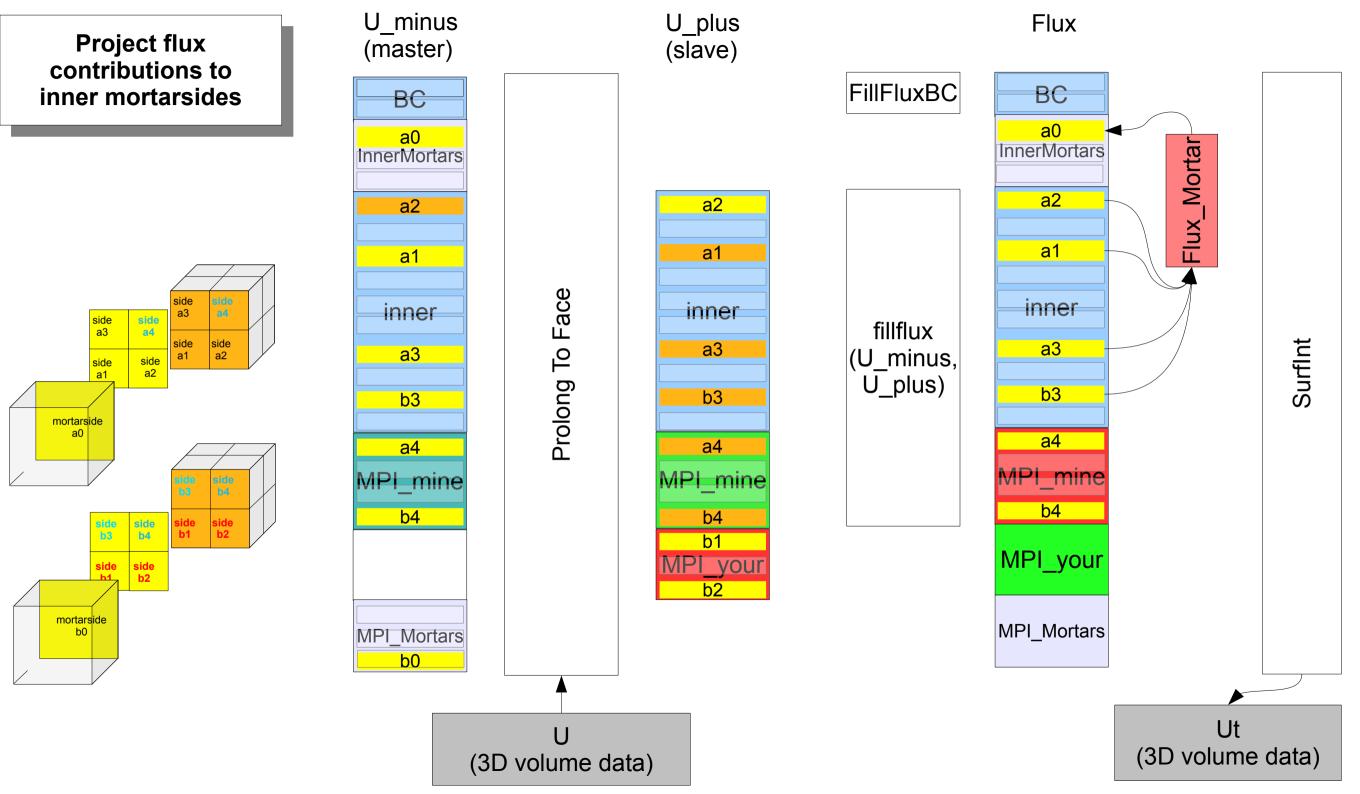












## Surface Integral for BC, inner mortarsides, innersides and MPI\_mine

fluxes of small sides belonging to a mortarside can also be added to the small elements, MPI\_mine belong only to the mortarside

