a_i^l

Row i

b_l^j

Col i

Figure 1: The distribution of the vectors a_i^l and b_l^j during iteration i. 6 processors are present in a 2-by-3 grid.

dim

n

npos(0)

myx=0
myy=0

myx=1
myy=0

myx=2
myy=0

m

A

npos(1)

myx=0
myy=1

myx=1
myy=1

myx=2
myy=1

npos(2)
(dim+1)

mpos(0)   mpos(1)   mpos(2)   mpos(3)
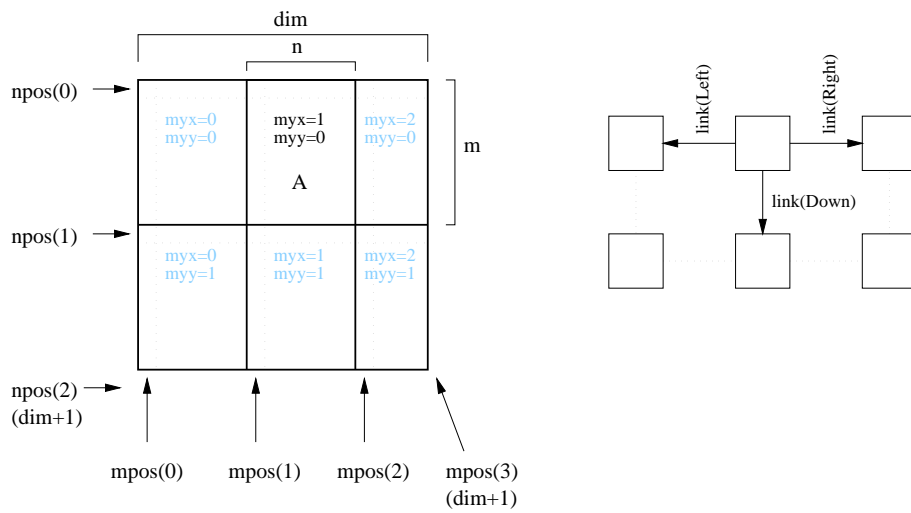(dim+1)

link(Left)   link(Right)

link(Down)

Figure 2: Description of the variables in the files `matmult.c(f90)`. The matrices are distributed over a 2-by-3 grid.

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