

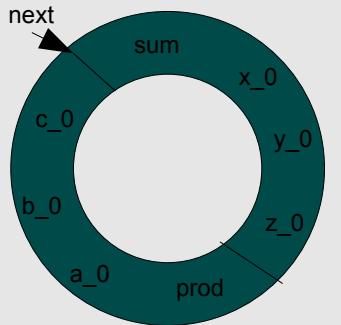
# AVOp Stream

...

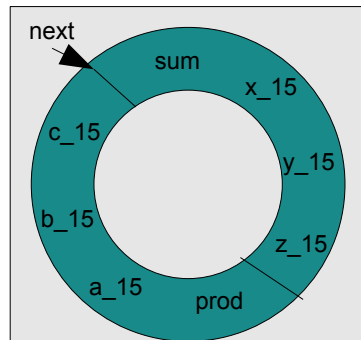
Core 4:  $c_{63} = a_{63} * b_{63}$   
Core 3:  $c_{47} = a_{47} * b_{47}$   
Core 2:  $c_{31} = a_{31} * b_{31}$   
Core 1:  $c_{15} = a_{15} * b_{15}$   
Core 0:  $c_0 = a_0 * b_0$   
Core 4:  $z_{63} = x_{63} + y_{63}$   
Core 3:  $z_{47} = x_{47} + y_{47}$   
Core 2:  $z_{31} = x_{31} + y_{31}$   
Core 1:  $z_{15} = x_{15} + y_{15}$   
Core 0:  $z_0 = x_0 + y_0$

Dispatching

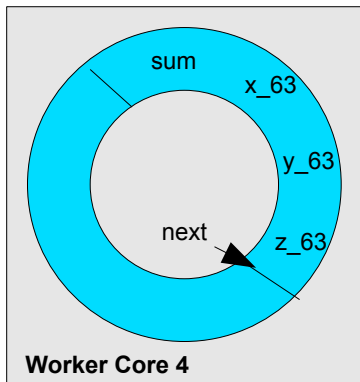
Dispatcher



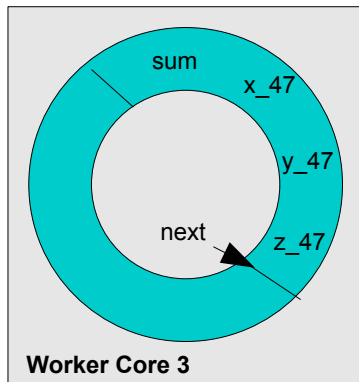
Worker Core 0



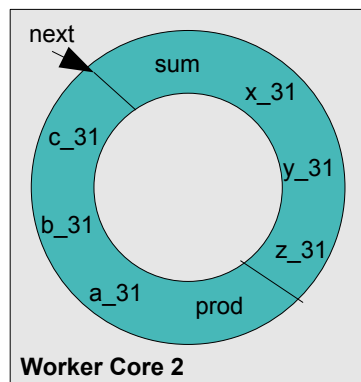
Worker Core 1



Worker Core 4



Worker Core 3



Worker Core 2