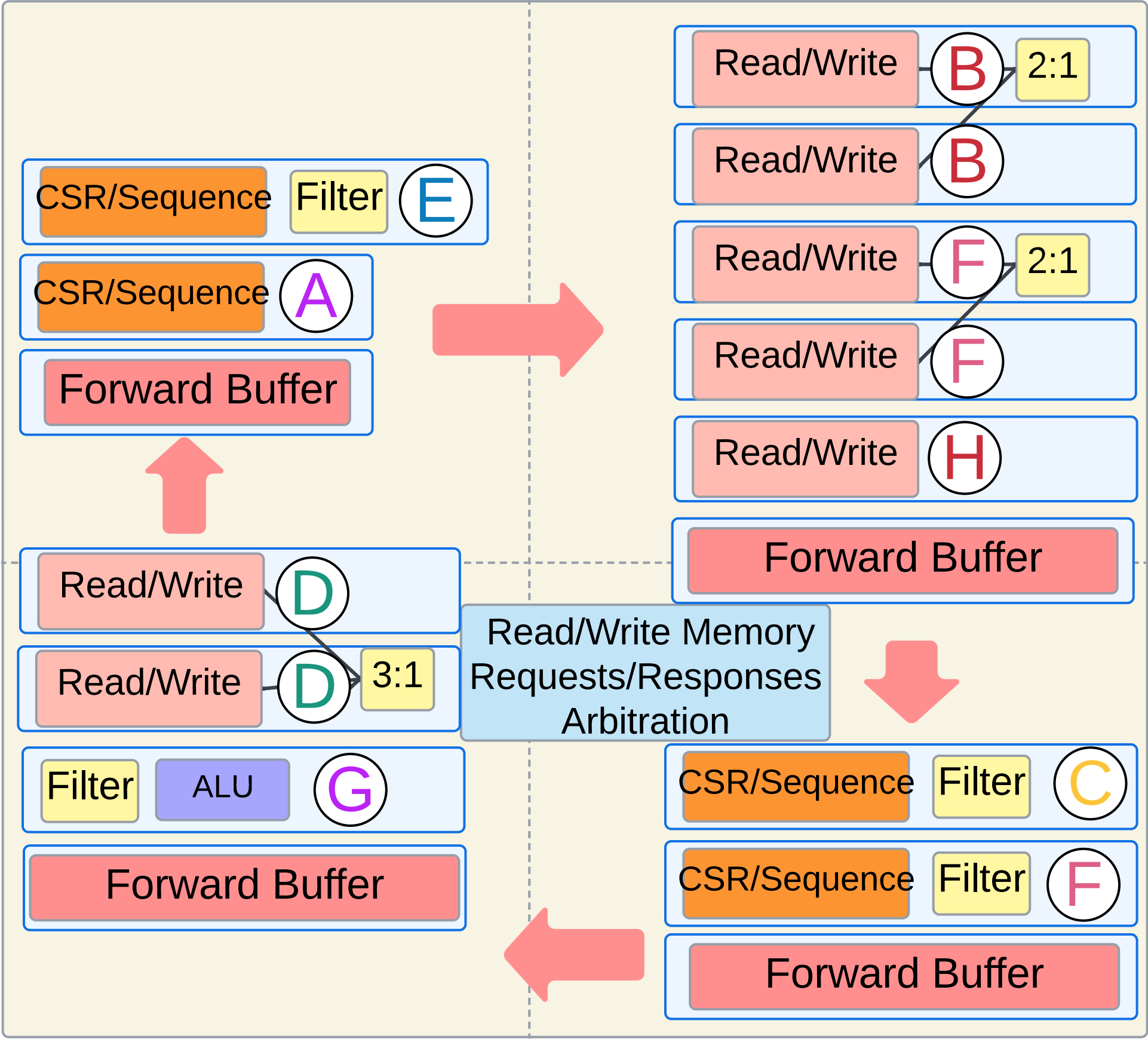


GraphBlox.Single.TC



function triangle-count(vertices, count)

SCHEDULE Vertices

for $u \in \text{graphCSR}$ **do**

count \leftarrow {0}

READ graphCSR \rightarrow degree[u]

READ graphCSR \rightarrow edgeIdx[u]

for $v \in \text{neighbor}[u]$ **do**

if ($v > u$) **do**

break

end if

READ graphCSR \rightarrow degree[v]

READ graphCSR \rightarrow edgeIdx[v]

for $w \in \text{neighbor}[v]$ **do**

if ($w > v$) **do**

break

end if

READ graphCSR \rightarrow degree[u]

READ graphCSR \rightarrow edgeIdx[u]

for $p \in \text{neighbor}[u]$ **do**

if ($p \geq w$) **do**

break

end for

if ($w == p$) **do**

count[w]++

end if

end for

end for

end for

WRITE count[w]

(A)

(B)

(C)

(D)

(E)

(F)

(G)

(H)