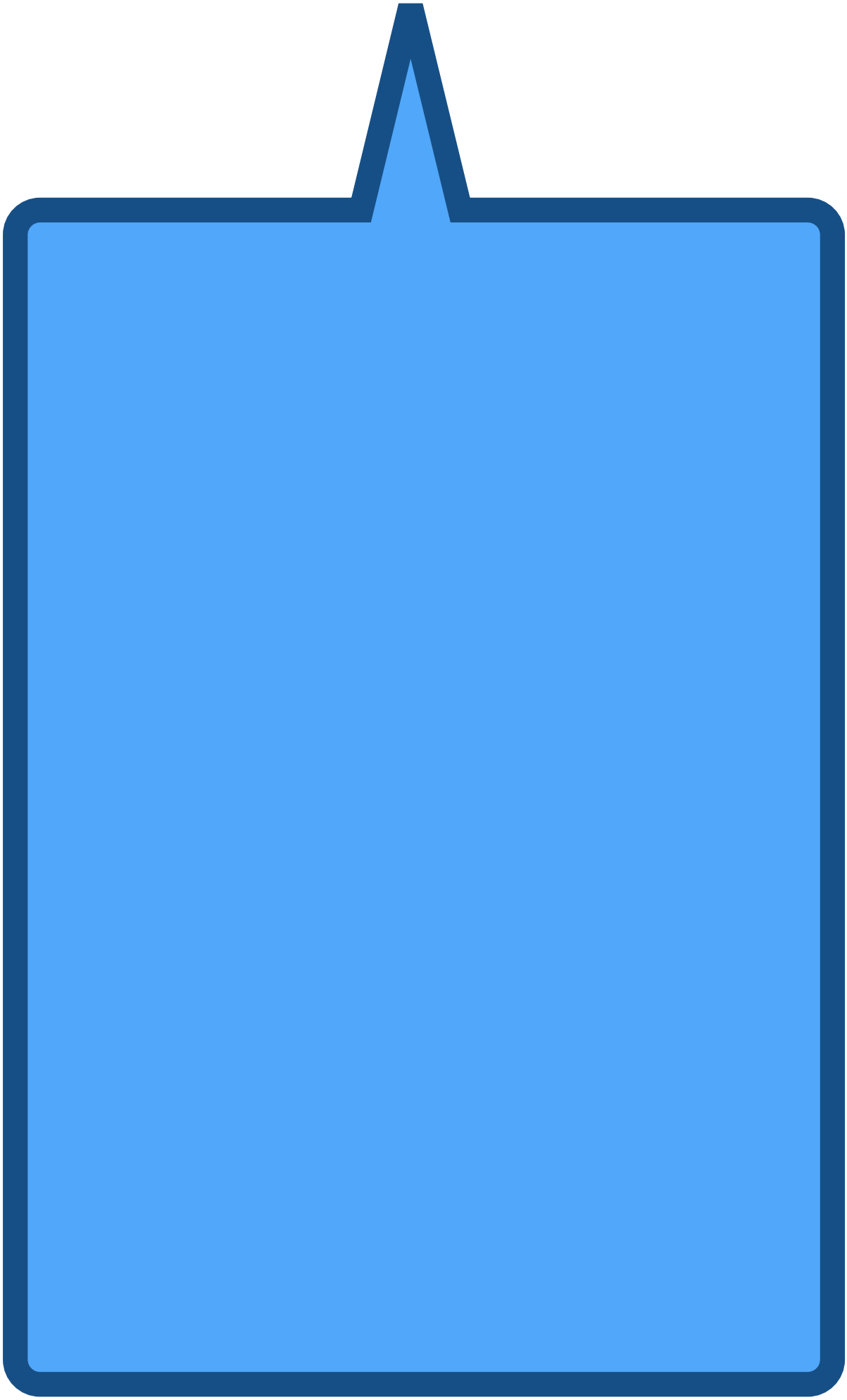
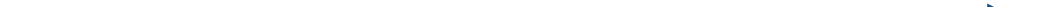


Op



X

y

Differential Dataflow

dx

dy

with data-parallel operators

dx

dy

time a

time b

time c

dx

time d

< time d?

dy

dx

dy