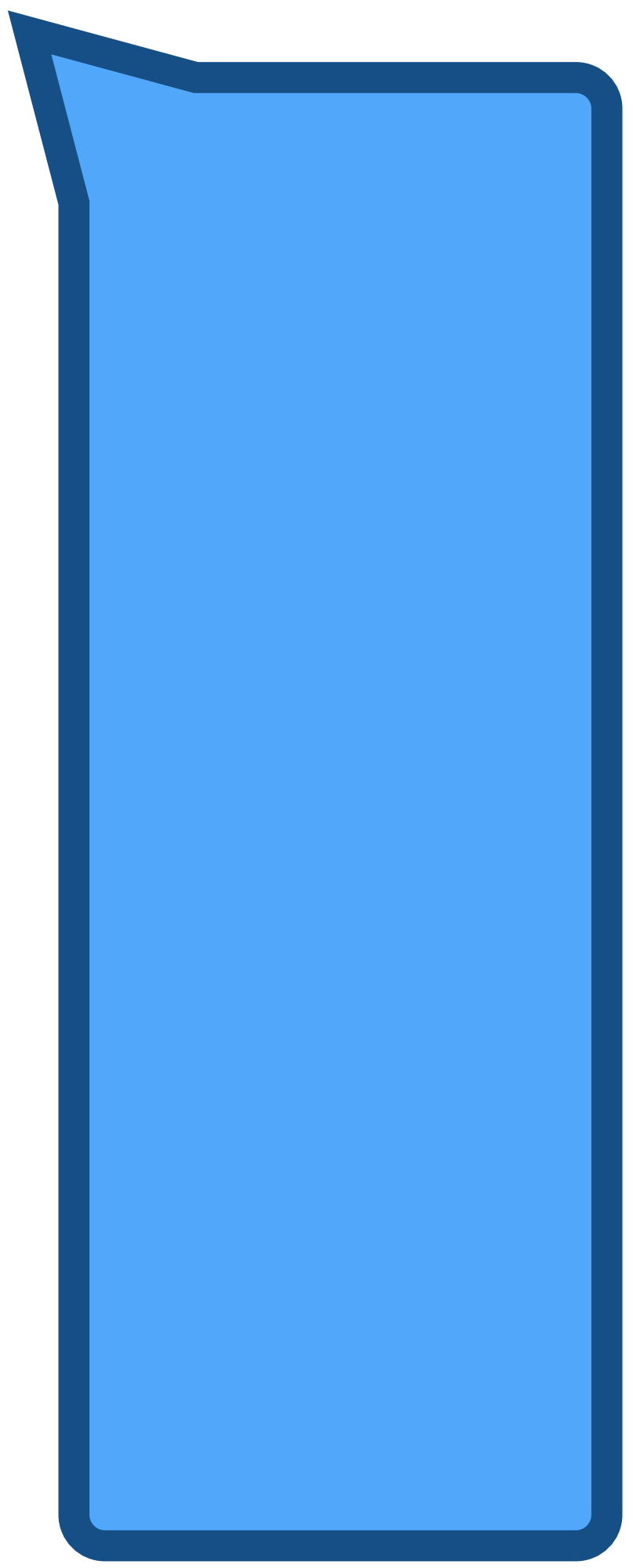
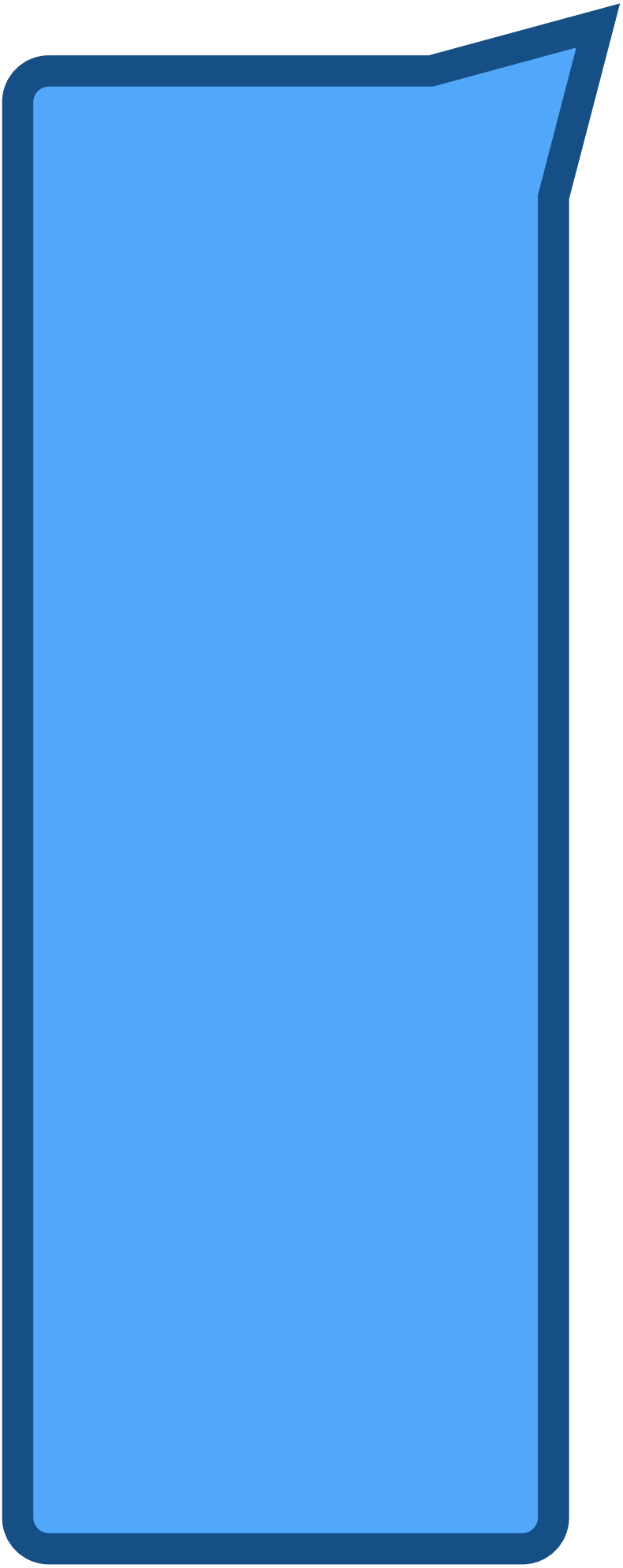
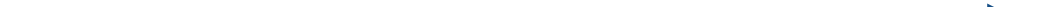




Op



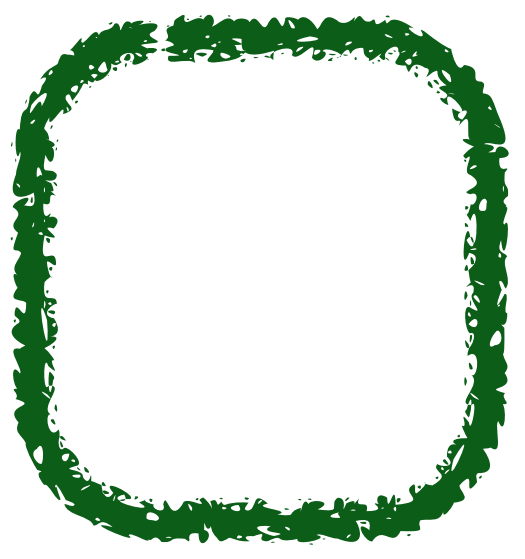
X

y

Differential Dataflow

dx

dy



with data-parallel operators

dx

dy

time a

time b

time c

X

y

dx

dy

dx

dy