Next event in schedule is executed,
changing the state of some variables.

For all successor events:
Have all required predecessors arrived?

no

yes

Ignore event.

Is event ready
to execute?

no

yes

Subscribe event to
its block dependencies.

All events subscribed to changed
variables are added to the recheck list.

For all events in recheck list:
Is event ready to execute?

yes

no

Unsubscribe event from
its block dependencies.

Ignore event
(is still subscribed).

Schedule event
with some delay.