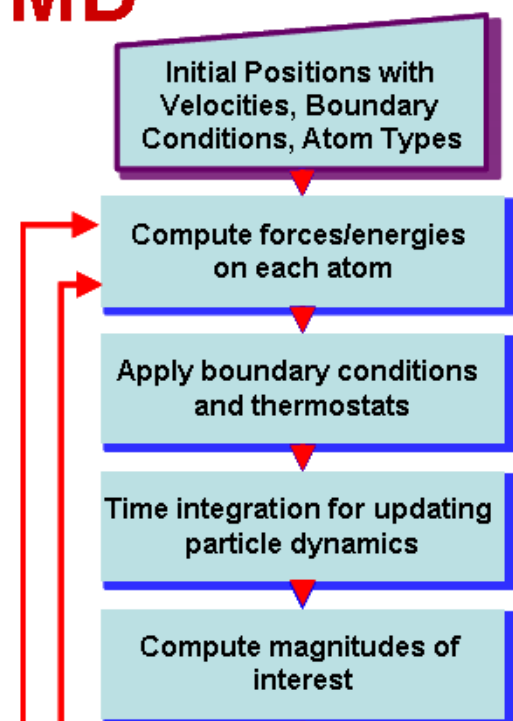


MD



No

$$t = n * \Delta t$$

Yes

Data Exchange between MD and CFD

MD Output:
Averaged Particle Velocity

Boundary Data from CFD
(Waiting and Data Reading)

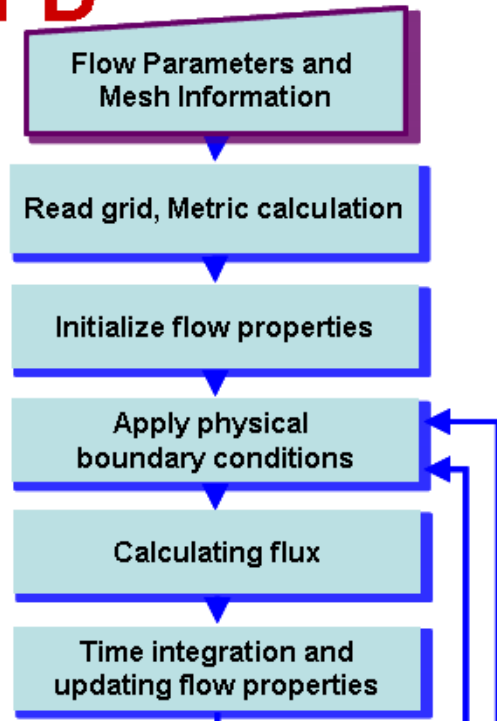
No

$$t > t_{target}$$

Yes

End

CFD



No

$$t = n * \Delta t$$

Yes

Data Exchange between MD and CFD

CFD Output:
Velocities at Overlapping Layer

Boundary Data from MD
(Waiting and Data Reading)

No

$$t > t_{target}$$

Yes

End