

Particle

Παρασκευή, 5 Δεκεμβρίου 2008
1:10 μμ

Particle

- + set/get Colour
 - + set/get green
 - + set/get red
 - + set/get blue
 - + set/get alpha
 - + set/get mass
 - + force applied (accumulator?)
 - + set/get position (4 dimensional for special relativity applications?)
 - + set/get x
 - + set/get y
 - + set/get z
 - + set/get t
 - + reference system?
 - + show/paint/some other name?
 - + set/get velocity
 - + set/get vx
 - + set/get vy
 - + set/get vz
 - + set/get acceleration
 - + set/get ax
 - + set/get ay
 - + set/get az
 - + volume/collision?
 - + set/get load
 - + momentum
 - + px
 - + py
 - + pz
 - + resolve forces
- Two phase iteration:
- accumulate forces
 - resolve forces
- (for each particle in the simulation)