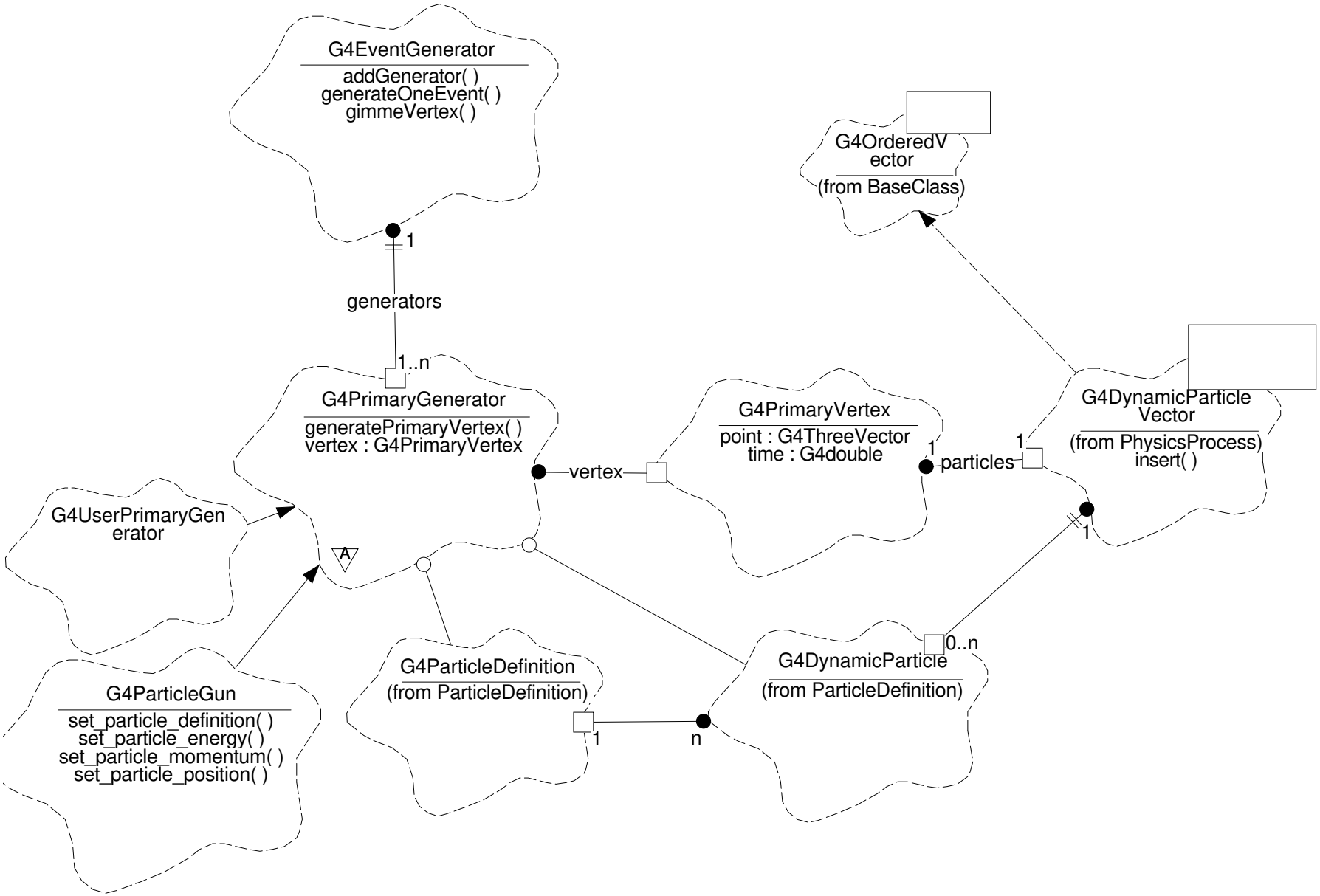
G4EventGenerator
addGenerator( )
generateOneEvent( )
gimmeVertex( )
1
generators
1..n
G4PrimaryGenerator
generatePrimaryVertex( )
vertex : G4PrimaryVertex
vertex
G4PrimaryVertex
point : G4ThreeVector
time : G4double
1
particles
1
G4OrderedV
ector
(from BaseClass)
G4DynamicParticle
Vector
(from PhysicsProcess)
insert( )
1
G4UserPrimaryGen
erator
A
G4ParticleGun
set_particle_definition( )
set_particle_energy( )
set_particle_momentum( )
set_particle_position( )
G4ParticleDefinition
(from ParticleDefinition)
1
n
0..n
G4DynamicParticle
(from ParticleDefinition)