```
Simulation < Vector3
[], Transform[], VRRaycastable
Colliders,
           VRGrabbableColliders
  dryRun
  startOnAwake
+
  viz
# mutex
  solveThread
+ GetValues()
  Initialize()
  Update()
  StartSimulation()
  StopSimulation()
  BuildVisualization()
# UpdateVisualization()
  Solve()
#
  PreSolve()
#
  OnAwakePre()
  OnAwakePost()
  OnStart()
# OnUpdate()
# OnPause()
#
  OnQuit()
  OnApplicationPause()
  OnApplicationQuit()
     PositionFieldSimulation
       OnAwakePost()
      # UpdateVisualization()
      # UpdateVisChild()
           MDSimulation
      + pdbPath
      + psfPath
      + radius
        shaderName
        atomColors
        bondMaterial
        maxBondLength
      + methodType
        timestepCount
        timestepSize
        gamma
        boxLengthX
       boxLengthY
      + boxLengthZ
      #
        particleLookup
      #
        coord
      #
        vel
      #
        r
        pbcFlag
        bonds
      #
        angles
      #
        mass
      #
        types
       bond_topo
      #
        path
        bondRenderers
        shader
       BuildVisualization()
      # UpdateVisChild()
        ReadData()
        gjI()
        gjII()
        gjIII()
C2M2.MolecularDynamics.Simulation.
       ExampleMDSimulation
 kb
 Т
 kappa
 r0
  force
  dt
 GetSimulationTime()
 GetValues()
 SetValues()
 Force()
 angle_Force()
 Solve()
 ResolvePBC()
```