```
interpolator mod::interpolator
             class

    interptype

- name
- run()
getarraycoord()

    getarraycoordregular()

    getpointcoordregular()

    getpointcoordnonregular()

    getarraycoordnonregular()

initialize()
print()

    test4d()

interp4d()
interp3d()
                +interpolator
  kernel mod::kernel
             class
  + initialize()
  + run()
  - setcommonprocesses()
  - lagrangiankinematic()
  diffusionmixinglength()
  - diffusionisotropic()
  stokesdrift()
  windage()
  beaching()
  aging()
  degradationlinear()
  hasrequiredvars()
                -kernel
      solver_mod::solver
             class

    solvertype

    name

      initialize()
      runstep()
      runstepeuler()
      runstepmseuler()
      runsteprk4()
      print()
```