

```

/*
=====
  Field
  Operation
  And
  Manipulation
=====
*-----*/
```

OpenFOAM: The Open Source CFD Toolbox
 Website: <https://openfoam.org>
 Version: 8

```

Build : 8-1c9b5879390b
Exec  : patchSummary
Date  : Aug 06 2021
Time   : 11:41:48
Host   : "OHDACHI-PC"
PID    : 1118
I/O    : uncollated
Case   : /home/kentaohdachi/CarModel
nProcs : 1
sigFpe : Enabling floating point exception trapping (FOAM_SIGFPE).
fileModificationChecking : Monitoring run-time modified files using
timeStampMaster (fileModificationSkew 10)
allowSystemOperations : Allowing user-supplied system call operations

// * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * //
```

Create time

Create mesh for time = 0

Time = 0

Valid fields:

volScalarField	thickness
volScalarField	nut
volVectorField	U
volScalarField	k
volScalarField	p
volScalarField	cellLevel
pointScalarField	pointLevel
volScalarField	thicknessFraction
volScalarField	nSurfaceLayers
volScalarField	omega

patch : frontAndBack

patch : upperWall

scalar	thickness	fixedValue
scalar	nut	calculated
scalar	k	slip
scalar	p	slip
scalar	cellLevel	calculated
scalar	thicknessFraction	fixedValue
scalar	nSurfaceLayers	fixedValue
scalar	omega	slip
vector	U	slip
scalar	pointLevel	calculated

patch : inlet

scalar	thickness	fixedValue
scalar	nut	calculated
scalar	k	fixedValue
scalar	p	zeroGradient

```

scalar           cellLevel      calculated
scalar           thicknessFraction fixedValue
scalar           nSurfaceLayers  fixedValue
scalar           omega          fixedValue
vector           U              fixedValue
scalar           pointLevel     calculated

patch : outlet
scalar           thickness      fixedValue
scalar           nut            calculated
scalar           k               inletOutlet
scalar           p               fixedValue
scalar           cellLevel      calculated
scalar           thicknessFraction fixedValue
scalar           nSurfaceLayers  fixedValue
scalar           omega          inletOutlet
vector           U              inletOutlet
scalar           pointLevel     calculated

wall : lowerWall
scalar           thickness      fixedValue
scalar           nut            nutWallFunction
scalar           k               kqRWallFunction
scalar           p               zeroGradient
scalar           cellLevel      calculated
scalar           thicknessFraction fixedValue
scalar           nSurfaceLayers  fixedValue
scalar           omega          omegaWallFunction
vector           U              fixedValue
scalar           pointLevel     calculated

wall : motorBike
scalar           thickness      fixedValue
scalar           nut            nutWallFunction
scalar           k               kqRWallFunction
scalar           p               zeroGradient
scalar           cellLevel      calculated
scalar           thicknessFraction fixedValue
scalar           nSurfaceLayers  fixedValue
scalar           omega          omegaWallFunction
vector           U              noSlip
scalar           pointLevel     calculated

```

End