

Create mesh from step file in gmsh

Step file:

tube_r.step.tar.gz

```
Merge "tube_R.step";  
  
lc = 7; // taille par default  
  
Field[1] = MathEval;  
Field[1].F = lc;  
  
Physical Surface("inner") = {2}; // creer un nset  
//+  
Physical Volume("all") = {1};  
  
// define zones where to refine the mesh  
Field[2] = Attractor;  
Field[2].NNodesByEdge = 20;  
Field[2].EdgesList = {7,9};  
  
Field[3] = Threshold;  
Field[3].IField = 2;  
Field[3].LcMin = lc / 3;  
Field[3].LcMax = lc;  
Field[3].DistMin = 10.;  
Field[3].DistMax = 20.;  
  
Field[4] = Min;  
Field[4].FieldsList = {1,3};  
  
Background Field = 4;
```

This gives:



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