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COMSOL 4.2 (Build: 228) starting in batch mode
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***COMSOL 4.2.0.228 progress output file***
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Tue Sep 27 04:21:53 GMT 2011
Opening: /home/sdgvndrj/mesh_refine.mph
Open time: 12 s.
Running: Study 2_mesh11
---------- Current Progress: 100 %
Memory: 452/452 1762/1762
Parametric solver
         Current Progress:    0 %
Memory: 637/637 2115/2115
Nonlinear solver
Number of degrees of freedom solved for: 744419.

Parameter pr_in = 10.
Nonsymmetric matrix found.
Iter      ErrEst      Damping    Stepsize #Res #Jac #Sol
  1       0.024    1.0000000       0.15    2    1    2
         Current Progress:    5 %
Memory: 3691/3691 5093/5093
  2       0.0097   1.0000000       1.3     3    2    4
-        Current Progress:   10 %
Memory: 21086/21086 25496/25496
  3       0.00051  1.0000000       0.011   4    3    6
-----    Current Progress:   50 %
Memory: 21200/21200 25500/25500

Parameter pr_in = 20.
Iter      ErrEst      Damping    Stepsize #Res #Jac #Sol
  1        0.2     1.0000000       0.29    7    4    9
-----    Current Progress:   55 %
Memory: 3905/21200 5350/25500
  2        0.88    0.1043645       0.98    8    5   11
------   Current Progress:   60 %
Memory: 3987/21200 5398/25500
-----    Current Progress:   59 %
Memory: 21277/21277 25551/25551
  3        0.54    0.4996797       1.4    10    6   14
-------  Current Progress:   75 %
Memory: 20604/21277 24818/25551
  4        0.016   1.0000000       0.2    11    7   16
-------- Current Progress:   95 %
Memory: 3988/21277 5472/25551
  5        0.013   1.0000000       0.059  12    8   18
-------- Current Progress:   83 %
Memory: 21078/21277 25383/25551
  6        0.0006  1.0000000       0.018  13    9   20
----------Current Progress:  100 %
Memory: 21265/21277 25583/25583
Running: Study 3_mesh12
         Current Progress:    0 %
Memory: 1754/21277 3287/25583
----------Current Progress:  100 %
Parametric solver
         Current Progress:    0 %
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Memory: 1825/21277 3287/25583
Nonlinear solver
Number of degrees of freedom solved for: 1386394.

Parameter pr_in = 10.
Nonsymmetric matrix found.
---------- Current Progress: 100 %
Memory: 7376/21277 8823/25583
Exception:
      com.comsol.util.exceptions.FlException: The following
feature has encountered a problem
Messages:
      The following feature has encountered a problem
      - Feature: Stationary Solver 1 (sol2/s1)
      - Error: Failed to find a solution for the initial
parameter.

Stack trace:
      at com.comsol.solver.SolverOperation.addError(Unknown
Source)
      at com.comsol.solver.SolverOperation.execute(Unknown
Source)
      at com.comsol.model.internal.impl.SolverSequenceImpl.a
(Unknown Source)
      at com.comsol.model.internal.impl.SolverSequenceImpl.g
(Unknown Source)
      at com.comsol.model.internal.impl.SolverSequenceImpl$aj.a
(Unknown Source)
      at com.comsol.model.internal.impl.SolverSequenceImpl
$aj.execute(Unknown Source)
      at com.comsol.model.clientserver.ClientManagerImpl$e.call
(Unknown Source)
      at java.util.concurrent.FutureTask$Sync.innerRun(Unknown
Source)
      at java.util.concurrent.FutureTask.run(Unknown Source)
      at java.util.concurrent.ThreadPoolExecutor$Worker.runTask
(Unknown Source)
      at java.util.concurrent.ThreadPoolExecutor$Worker.run
(Unknown Source)
      at java.lang.Thread.run(Unknown Source)
Total time: 4204 s.
```