

```
2020-05-05T16:07:03.221-0500 INFO Loggers starting up... [com.comsol.logger]
2020-05-05T16:07:03.222-0500 INFO File logger initialized. [com.comsol.logger]
2020-05-05T16:07:03.223-0500 INFO Loggers registered with log service. [com.comsol.logger]
2020-05-05T16:07:03.224-0500 INFO Loggers completed starting. [com.comsol.logger]
2020-05-05T16:07:03.225-0500 INFO BundleEvent STARTED [com.comsol.logger]
2020-05-05T16:07:03.234-0500 INFO COMSOL 5.5.0.306 starting. [com.comsol.util]
2020-05-05T16:07:03.459-0500 INFO Path=C:\Program Files\COMSOL\COMSOL55\Multiphysics\bin\win64;C:\Program Files\COMSOL\COMSOL55\Multiphysics\lib\wir
2020-05-05T16:07:03.462-0500 INFO BundleEvent STARTED [com.comsol.bridge]
2020-05-05T16:07:03.463-0500 INFO ServiceEvent REGISTERED [org.eclipse.core.resources]
2020-05-05T16:07:03.522-0500 INFO ServiceEvent REGISTERED [org.eclipse.core.resources]
2020-05-05T16:07:03.523-0500 INFO BundleEvent STARTED [org.eclipse.core.resources]
2020-05-05T16:07:03.525-0500 INFO BundleEvent STARTED [com.comsol.gui]
2020-05-05T16:07:03.525-0500 INFO BundleEvent STARTED [com.comsol.guimph]
2020-05-05T16:07:03.526-0500 INFO BundleEvent STARTED [com.comsol.widgets]
2020-05-05T16:07:03.534-0500 INFO BundleEvent STARTED [com.comsol.nativeutil]
2020-05-05T16:07:03.558-0500 INFO BundleEvent STARTED [com.comsol.nativejni]
2020-05-05T16:07:03.559-0500 INFO BundleEvent STARTED [com.comsol.nativevmp]
2020-05-05T16:07:03.565-0500 INFO BundleEvent STARTED [com.comsol.model]
2020-05-05T16:07:04.428-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.428-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.428-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.429-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.429-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.429-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.430-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.430-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.431-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.431-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.431-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.432-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.432-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.432-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.433-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.433-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.433-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.433-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.434-0500 DEBUG ServiceEvent MODIFIED [org.eclipse.equinox.app]
2020-05-05T16:07:04.434-0500 INFO ServiceEvent UNREGISTERING [org.eclipse.equinox.app]
2020-05-05T16:07:04.434-0500 INFO BundleEvent STARTED [com.comsol.renderer]
2020-05-05T16:07:04.565-0500 INFO [Renderer] Create BridgeRenderer [com.comsol.util]
2020-05-05T16:07:04.567-0500 INFO Creating the Renderer:com.comsol.renderer.server.a@7d70fce9 for BridgeGuiDesktop [com.comsol.util]
2020-05-05T16:07:05.551-0500 INFO [Renderer] RendererEventServerPort port is open in Server:75562517 [com.comsol.util]
2020-05-05T16:07:05.567-0500 INFO Hardcopy max width, max height and multisample:4096, 4096, 8 [com.comsol.util]
2020-05-05T16:07:05.617-0500 INFO FrameworkEvent INFO [com.ibm.icu]
2020-05-05T16:07:05.619-0500 INFO BundleEvent STARTED [com.ibm.icu]
2020-05-05T16:07:05.626-0500 INFO BundleEvent STARTED [org.eclipse.emf.common]
2020-05-05T16:07:05.639-0500 INFO [Renderer] RendererEventServerPort port is now running in Server:75562517 [com.comsol.util]
2020-05-05T16:07:05.674-0500 INFO [Renderer] TextRenderer has now been instantiated [com.comsol.util]
2020-05-05T16:07:05.674-0500 INFO BundleEvent STARTED [com.comsol.textrenderer]
2020-05-05T16:07:06.113-0500 INFO BundleEvent STARTED [com.comsol.nativebasicutil]
2020-05-05T16:07:06.209-0500 INFO BundleEvent STARTED [com.comsol.geomesh]
2020-05-05T16:07:06.302-0500 INFO BundleEvent STARTED [com.comsol.post]
2020-05-05T16:07:06.322-0500 INFO BundleEvent STARTED [com.comsol.loader]
2020-05-05T16:07:06.333-0500 INFO BundleEvent STARTED [org.eclipse.emf.ecore]
2020-05-05T16:07:07.687-0500 INFO BundleEvent STARTED [com.comsol.guicapeopen]
2020-05-05T16:07:07.694-0500 INFO BundleEvent STARTED [com.comsol.guigeomesh]
2020-05-05T16:07:07.864-0500 INFO BundleEvent STARTED [com.comsol.guipost]
2020-05-05T16:07:19.703-0500 WARNING The same identifier 'ltr' is used for the built-in property groups 'linearizedRes' and 'lznRes'.
May cause a potential conflict if they are used in the same material. [com.comsol.util]
2020-05-05T16:08:52.363-0500 WARNING Merging variables does not support tensor densities. Resulting tensor is not a density.
New message: Merging variables does not support tensor densities. Resulting tensor is not a density.
New message: Merging variables does not support tensor densities. Resulting tensor is not a density.
Builder node: SolidLinearElasticModelMakers.mphpb/mak49/var2
Pass: variables
Provider: /PhysicsList/solid/PhysicsFeatureList/lemm1 [com.comsol.util]
2020-05-05T16:12:11.254-0500 ERROR [com.comsol.bridge]
Exception:
com.comsol.util.exceptions.FlException: Time-dependent solver interrupted
(throwing as com.comsol.util.exceptions.FlException)
Messages:
The following feature has encountered a problem
- Feature: Time-Dependent Solver 1 (sol1/t1)

Time-dependent solver interrupted

Not all time steps returned

Stack trace:
at com.comsol.solver.SolverOperation.addError(SourceFile:488)
at com.comsol.solver.SolverOperation.execute(SourceFile:316)
at com.comsol.model.method.SolverSequenceMethod.doRun(SourceFile:2221)
at com.comsol.model.method.SolverSequenceMethod.doRunAll(SourceFile:2860)
at com.comsol.model.dbmodel.SolverSequenceDb.runAll(SourceFile:220)
at com.comsol.model.method.StudyMethod.doRunNoGen(SourceFile:116)
at com.comsol.model.dbmodel.StudyDb.runNoGen(SourceFile:135)
at com.comsol.guimph.util.f.a(SourceFile:106)
at com.comsol.guimph.actions.y.e(SourceFile:65)
at com.comsol.guimph.actions.dv.doAction(SourceFile:49)
at com.comsol.guimph.actions.d.a(SourceFile:48)
at com.comsol.guimph.util.t.a(SourceFile:25)
at com.comsol.guimph.progress.ProgressView.run(SourceFile:678)
at com.comsol.bridge.BridgeProgressView.run(SourceFile:184)
at com.comsol.guimph.actions.cm.n(SourceFile:277)
at com.comsol.guimph.actions.cm.doPerformAction(SourceFile:209)
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at com.comsol.guimph.actions.MphContextAction.doPerformAction(SourceFile:153)
at com.comsol.gui.d.performAction(SourceFile:141)
at com.comsol.widgets.actions.CsAction.handleAction(SourceFile:365)
at com.comsol.widgets.actions.CsAction.triggerActionAndUpdateSelect(SourceFile:497)
at com.comsol.bridge.command.ck.a(SourceFile:130)
at com.comsol.bridge.command.cs.run(SourceFile:51)
at com.comsol.bridge.command.i.execute(SourceFile:46)
at com.comsol.bridge.command.j.d(SourceFile:719)
at com.comsol.bridge.command.j.a(SourceFile:707)
at com.comsol.bridge.command.j$3.a(SourceFile:608)
at com.comsol.bridge.command.j$3.call(SourceFile:1)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
at java.lang.Thread.run(Thread.java:748)
```

Caused by: Exception:  
com.comsol.util.exceptions.FLException: Time-dependent solver interrupted

Messages:  
Time-dependent solver interrupted

Not all time steps returned

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at com.comsol.solver.SolverOperation.execute(SourceFile:308)
... 29 more
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2020-05-05T16:13:00.335-0500 WARNING Merging variables does not support tensor densities. Resulting tensor is not a density.
New message: Merging variables does not support tensor densities. Resulting tensor is not a density.
New message: Merging variables does not support tensor densities. Resulting tensor is not a density.
Builder node: SolidLinearElasticModelMakers.mphphb/mak49/var2
Pass: variables
Provider: /PhysicsList/solid/PhysicsFeatureList/lemm1 [com.comsol.util]
```

```
2020-05-05T17:14:21.687-0500 WARNING Merging variables does not support tensor densities. Resulting tensor is not a density.
New message: Merging variables does not support tensor densities. Resulting tensor is not a density.
New message: Merging variables does not support tensor densities. Resulting tensor is not a density.
Builder node: SolidLinearElasticModelMakers.mphphb/mak49/var2
Pass: variables
Provider: /PhysicsList/solid/PhysicsFeatureList/lemm1 [com.comsol.util]
```

```
2020-05-05T18:13:09.058-0500 WARNING Merging variables does not support tensor densities. Resulting tensor is not a density.
New message: Merging variables does not support tensor densities. Resulting tensor is not a density.
New message: Merging variables does not support tensor densities. Resulting tensor is not a density.
Builder node: SolidLinearElasticModelMakers.mphphb/mak49/var2
Pass: variables
Provider: /PhysicsList/solid/PhysicsFeatureList/lemm1 [com.comsol.util]
```

```
2020-05-05T19:22:06.539-0500 ERROR java.lang.OutOfMemoryError: Java heap space [com.comsol.widgets]
com.comsol.util.exceptions.BridgeRuntimeException: java.lang.OutOfMemoryError: Java heap space
```

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at com.comsol.bridge.BridgeViewManager.showErrorDialog(SourceFile:254)
at com.comsol.guimph.actions.cm.n(SourceFile:283)
at com.comsol.guimph.actions.cm.doPerformAction(SourceFile:209)
at com.comsol.guimph.actions.MphContextAction.doPerformAction(SourceFile:153)
at com.comsol.gui.d.performAction(SourceFile:141)
at com.comsol.widgets.actions.CsAction.handleAction(SourceFile:365)
at com.comsol.widgets.actions.CsAction.triggerActionAndUpdateSelect(SourceFile:497)
at com.comsol.bridge.command.ck.a(SourceFile:130)
at com.comsol.bridge.command.cs.run(SourceFile:51)
at com.comsol.bridge.command.i.execute(SourceFile:46)
at com.comsol.bridge.command.j.d(SourceFile:719)
at com.comsol.bridge.command.j.a(SourceFile:707)
at com.comsol.bridge.command.j$3.a(SourceFile:608)
at com.comsol.bridge.command.j$3.call(SourceFile:1)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
at java.lang.Thread.run(Thread.java:748)
```

Caused by: java.lang.OutOfMemoryError: Java heap space  
at java.util.Arrays.copyOf(Arrays.java:3332)  
at java.lang.AbstractStringBuilder.ensureCapacityInternal(AbstractStringBuilder.java:124)  
at java.lang.AbstractStringBuilder.append(AbstractStringBuilder.java:649)  
at java.lang.StringBuilder.append(StringBuilder.java:202)  
at com.comsol.util.methods.FLStringUtil.xmlEscape(SourceFile:1677)  
at com.comsol.util.classes.CsXMLWriter.writeElementString(SourceFile:190)  
at com.comsol.util.classes.CsXMLWriter.writeElement(SourceFile:451)  
at com.comsol.model.data.Node.a(SourceFile:1501)  
at com.comsol.model.data.Node.toXML(SourceFile:1460)  
at com.comsol.model.data.Node.toXML(SourceFile:1464)  
at com.comsol.model.data.Node.toXML(SourceFile:1464)  
at com.comsol.model.data.Root.toXMLFile(SourceFile:310)  
at com.comsol.model.util.saveload.AbstractMphSaver.saveModelXML(SourceFile:442)  
at com.comsol.model.util.saveload.AbstractMphSaver.a(SourceFile:189)  
at com.comsol.model.util.saveload.AbstractMphSaver.doSave(SourceFile:137)  
at com.comsol.model.util.saveload.AbstractModelSaver.save(SourceFile:56)  
at com.comsol.guimph.l.saveRecovery(SourceFile:331)  
at com.comsol.model.util.ModelInternalUtil.saveRecoveryFile(SourceFile:671)  
at com.comsol.model.util.ModelInternalUtil.c(SourceFile:682)  
at com.comsol.model.util.ModelInternalUtil\$\$Lambda\$919/349191813.run(Unknown Source)  
at com.comsol.model.util.ModelInternalUtil.clusterRootOnlyOperation(SourceFile:3768)  
at com.comsol.model.util.ModelInternalUtil.saveRecovery(SourceFile:682)  
at com.comsol.batch.operations.BatchParametricSweepBase.a(SourceFile:337)  
at com.comsol.batch.operations.BatchParametricSweepBase.execute(SourceFile:184)  
at com.comsol.model.method.BatchFeatureMethod.doRun(SourceFile:354)  
at com.comsol.model.dbmodel.BatchFeatureDb.run(SourceFile:54)  
at com.comsol.model.method.StudyMethod.doRunNoGen(SourceFile:124)  
at com.comsol.model.dbmodel.StudyDb.runNoGen(SourceFile:135)  
at com.comsol.guimph.util.f.a(SourceFile:106)  
at com.comsol.guimph.actions.y.e(SourceFile:65)  
at com.comsol.guimph.actions.dv.doAction(SourceFile:49)  
at com.comsol.guimph.actions.d.a(SourceFile:48)

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2020-05-05T19:53:32.291-0500 ERROR [com.comsol.bridge]
java.lang.OutOfMemoryError: GC overhead limit exceeded
  at java.util.regex.Pattern.matcher(Pattern.java:1093)
  at java.util.Formatter.parse(Formatter.java:2547)
  at java.util.Formatter.format(Formatter.java:2501)
  at java.util.Formatter.format(Formatter.java:2455)
  at java.lang.String.format(String.java:2981)
  at com.comsol.util.methods.FNumberUtil.a(SourceFile:222)
  at com.comsol.util.methods.FNumberUtil.a(SourceFile:292)
  at com.comsol.util.methods.FNumberUtil.a(SourceFile:261)
  at com.comsol.model.method.SolutionInfoMethod.doGetSolDescriptions(SourceFile:763)
  at com.comsol.model.dbmodel.SolutionInfoDb.getSolDescriptions(SourceFile:371)
  at com.comsol.post.solution.d.c(SourceFile:50)
  at com.comsol.propwidgets.PropListBox.a(SourceFile:186)
  at com.comsol.propwidgets.PropListBox.d(SourceFile:158)
  at com.comsol.propwidgets.c.bx_(SourceFile:353)
  at com.comsol.propwidgets.b.b(SourceFile:89)
  at com.comsol.propwidgets.ae.bm_(SourceFile:66)
  at com.comsol.gui.views.viewFeatures.a.readValues(SourceFile:129)
  at com.comsol.guimph.prop.PropBlockFeatureGroup.readValues(SourceFile:127)
  at com.comsol.gui.views.FeatureViewInfo.readValues(SourceFile:365)
  at com.comsol.guimph.views.ModelEntityViewInfo.readValues(SourceFile:169)
  at com.comsol.gui.views.e.preShow(SourceFile:599)
  at com.comsol.gui.views.FeatureViewInfo.preShow(SourceFile:277)
  at com.comsol.guimph.views.ModelEntityViewInfo.preShow(SourceFile:132)
  at com.comsol.gui.ViewManager.showView(SourceFile:288)
  at com.comsol.bridge.BridgeViewManager.showView(SourceFile:418)
  at com.comsol.guimph.i.showNewView(SourceFile:412)
  at com.comsol.guimph.i.showNewView(SourceFile:292)
  at com.comsol.guimph.i.showNewView(SourceFile:241)
  at com.comsol.guimph.b.h.b(SourceFile:99)
  at com.comsol.guimph.b.h.a(SourceFile:42)
  at com.comsol.guimph.views.ModelBuilderViewInfo$1.modelContextChanged(SourceFile:49)
  at com.comsol.widgets.CsModelTreeContext.a(SourceFile:145)
```

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2020-05-05T19:53:38.634-0500 ERROR Error compiling widget changes [com.comsol.bridge]
java.lang.OutOfMemoryError: GC overhead limit exceeded
```