

Outline

Filter: Name

Project

- Model (C3)
 - Geometry
 - plate
 - beam
 - Coordinate Systems
 - Connections
 - Contacts
 - Contact Region
 - Contact Region 2
 - Contact Region 3
 - Contact Region 4
 - Contact Region 5
 - Contact Region 6
 - Contact Region 7
 - Mesh
 - MultiZone
 - Face Meshing
 - Body Sizing
 - Edge Sizing
 - Named Selections

Details of "Mesh"

Display

Display Style: Body Color

Defaults

Physics Preference: Mechanical

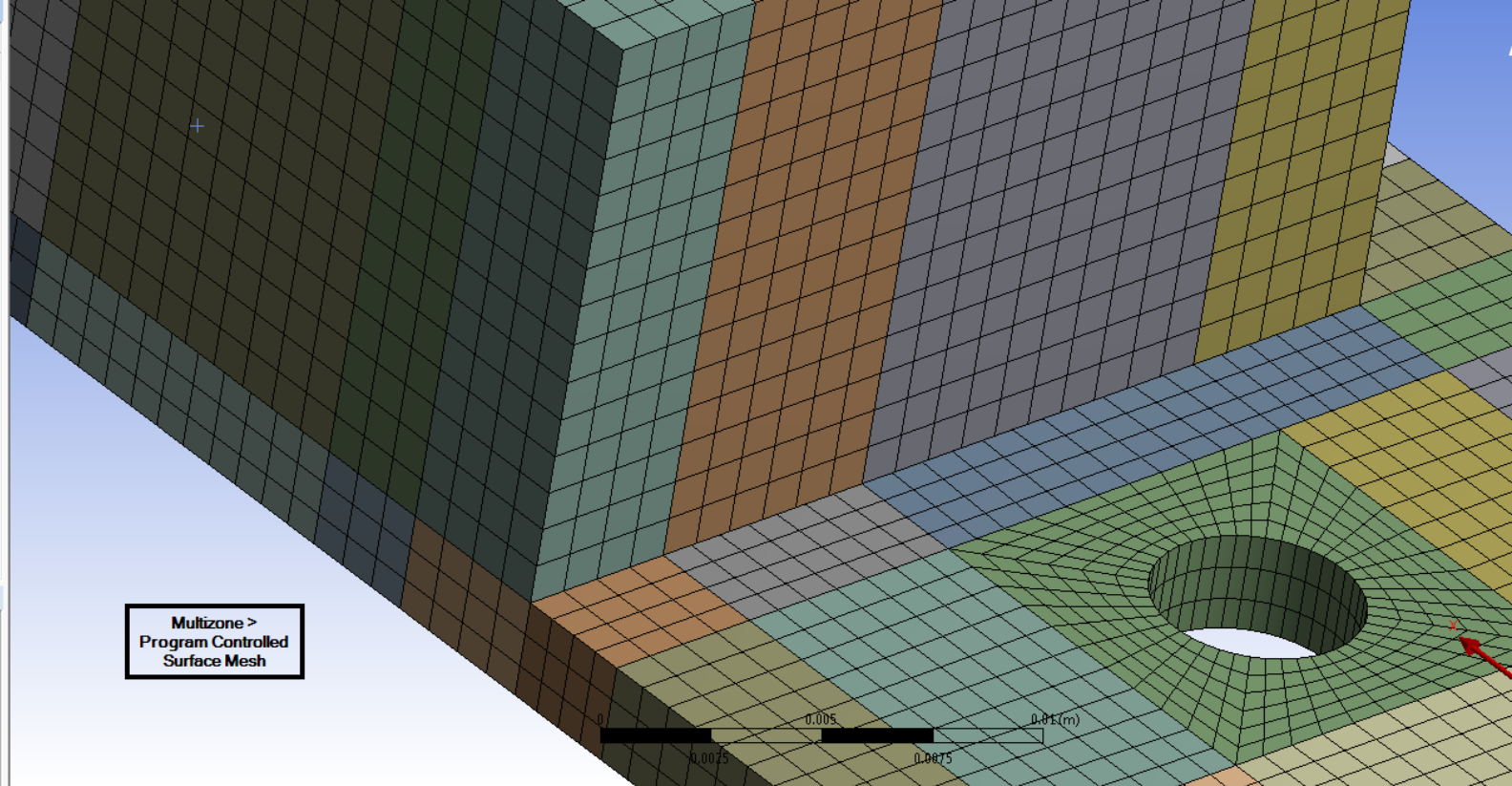
Relevance: 0

Element Order: Program Controlled

Sizing

Quality

Inflation



Scope	
Scoping Method	Geometry Selection
Geometry	42 Bodies
Definition	
Suppressed	No
Method	MultiZone
Mapped Mesh Type	Hexa
Surface Mesh Method	Program Controlled
Free Mesh Type	Not Allowed
Element Order	Use Global Setting
Src/Trg Selection	Automatic
Source Scoping Method	Program Controlled
Source	Program Controlled
Sweep Size Behavior	Sweep Element Size
<input type="checkbox"/> Sweep Element Size	Default
Advanced	
Preserve Boundaries	Protected
Mesh Based Defeaturing	Off
Minimum Edge Length	1.9635e-003 m
Write ICEM CFD Files	No

Scope	
Scoping Method	Geometry Selection
Geometry	42 Bodies
Definition	
Suppressed	No
Method	MultiZone
Mapped Mesh Type	Hexa
Surface Mesh Method	Uniform
Free Mesh Type	Not Allowed
Element Order	Use Global Setting
Src/Trg Selection	Automatic
Source Scoping Method	Program Controlled
Source	Program Controlled
Sweep Size Behavior	Sweep Element Size
<input type="checkbox"/> Sweep Element Size	Default
Advanced	
Preserve Boundaries	Protected
Mesh Based Defeaturing	Off
Minimum Edge Length	1.9635e-003 m
Write ICEM CFD Files	No

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Details of "Mesh"

Display

Display Style	Body Color
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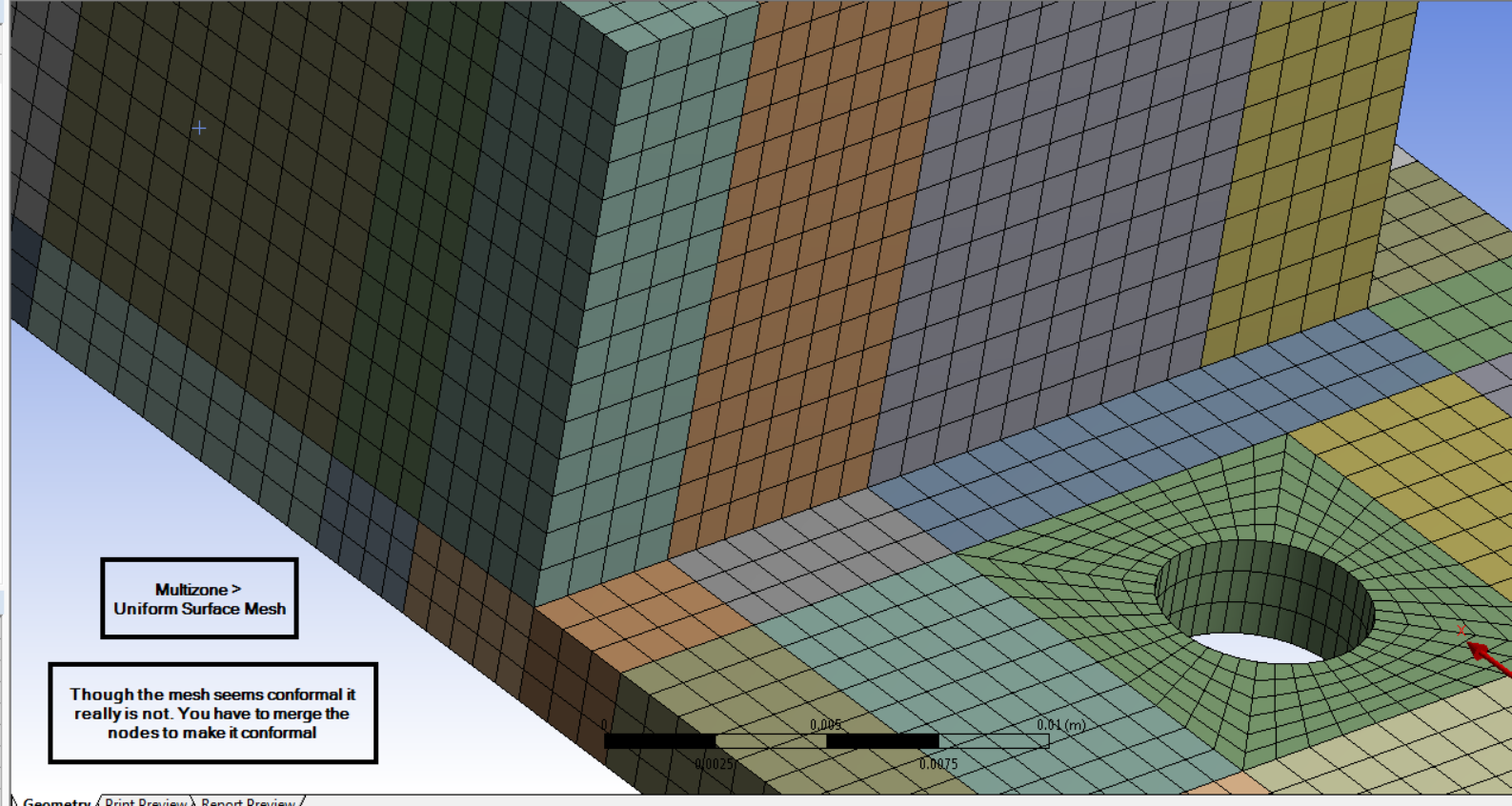
Defaults

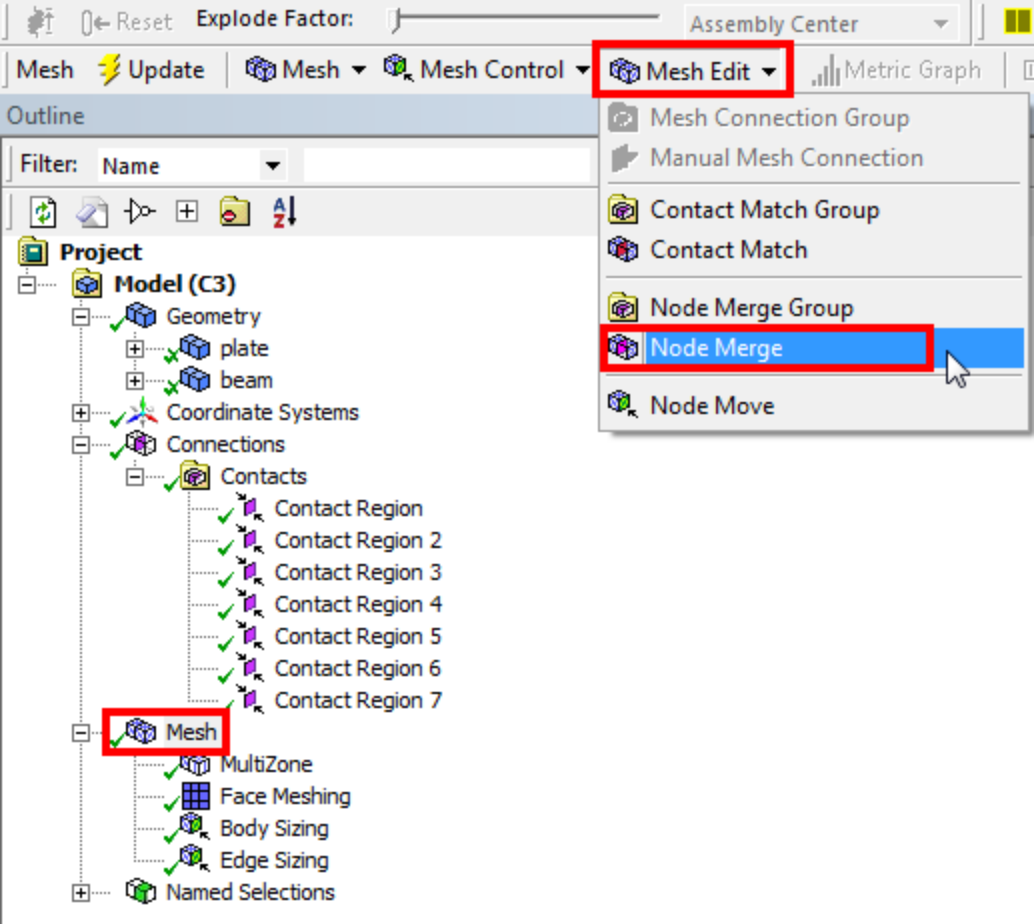
Physics Preference	Mechanical
<input type="checkbox"/> Relevance	0
Element Order	Program Controlled

Sizing

Quality

Inflation





- ✓ Contact Region 5
- ✓ Contact Region 6
- ✓ Contact Region 7

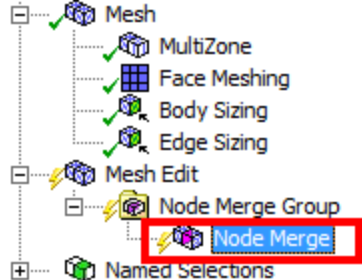


- Update
- Generate Mesh
- Preview
- Show
- Create Pinch Controls
- Clear Generated Data
- Rename (F2)
- Group All Similar Children
- Start Recording

- Method
- Sizing
- Contact Sizing
- Refinement
- Face Meshing
- Match Control
- Pinch
- Inflation
- Contact Match Group
- Contact Match
- Node Merge Group
- Node Merge**
- Node Move

- ils of "Mesh"
- isplay
- isplay Style
- efaults
- ysics Preference Mechanical
- Relevance 0





Details of "Node Merge"

Scope

Scoping Method Contact Region

Contact Region

Master Bodies Solid

Slave Bodies Solid

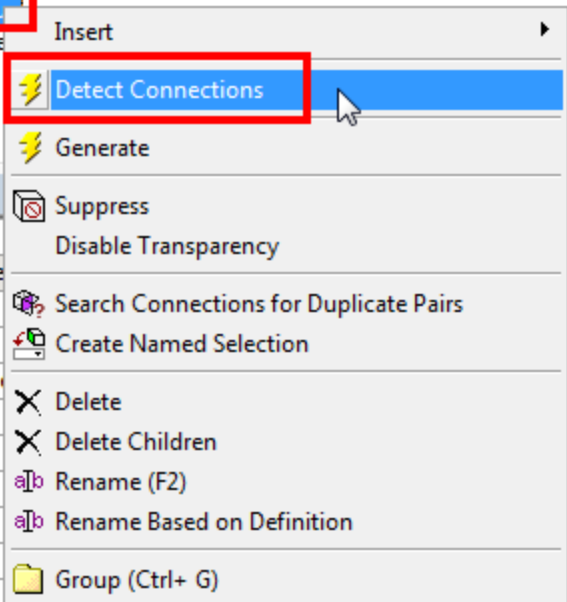
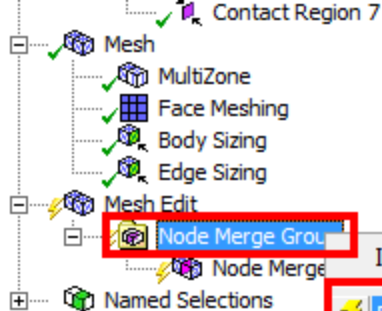
Definition

Scope Mode Manual

Tolerance Type Value

Tolerance Value 1.e-005 m

Suppressed No



ails of "Node Merge Group"

Definition

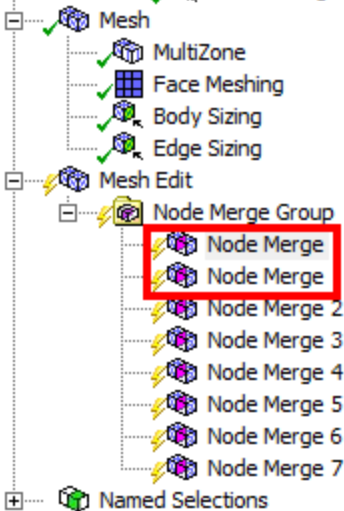
Method	Manual Node
Suppressed	No

Scope

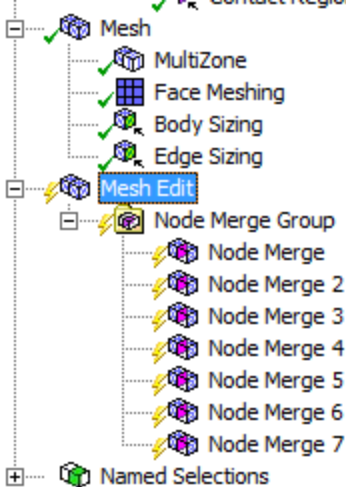
Scoping Method	Geometry Sel
Geometry	All Bodies

Auto Detection

tolerance Type	Value
tolerance Value	1.e-005 m
Use Range	No
Face/Face	Yes
Face/Edge	No



**Delete
one of
them**



Contact Region 6
Contact Region 7

- Mesh
 - MultiZone
 - Face Meshing
 - Body Sizing
 - Edge Sizing

Mesh Edit

Insert

Generate

Clear Generated Data

Disable Transparency

Search Connections for Duplicate Pairs

Create Named Selection for Shared Nodes

a|b Rename (F2)

a|b Rename Based on Definition

ails of "Mesh Edit"

Auto Detection

Generate Automatic Mesh Connections On Refresh No

Transparency

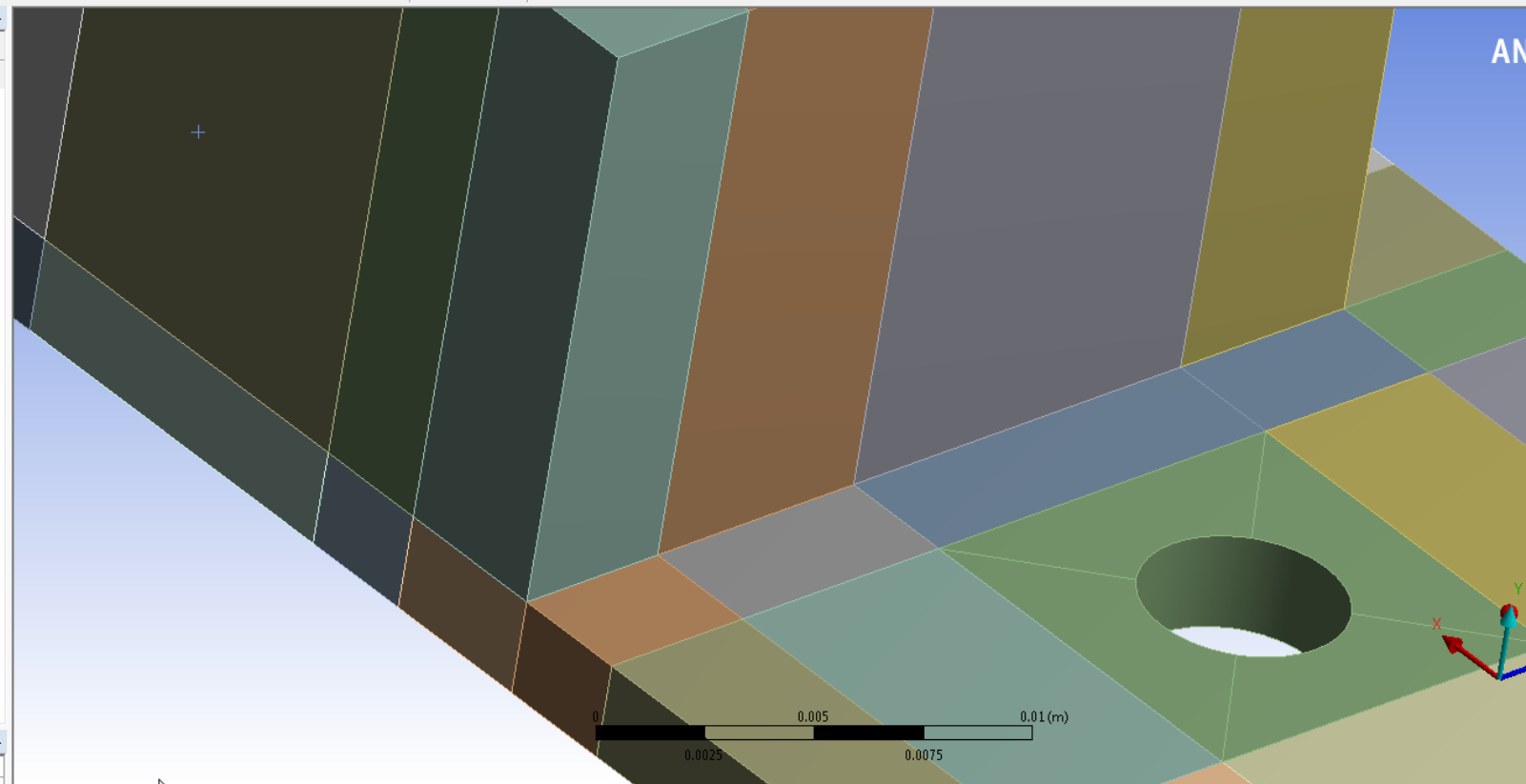
Enabled Yes

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 - Mesh Edit
 - Node Merge Group
 - Node Merge
 - Node Merge 2
 - Node Merge 3
 - Node Merge 4
 - Node Merge 5
 - Node Merge 6
 - Node Merge 7
 - Named Selections



Details of "Mesh Edit"

Auto Detection

Generate Automatic Mesh Connections On Refresh No

Transparency

Enabled Yes

Geometry | Print Preview | Report Preview

Messages

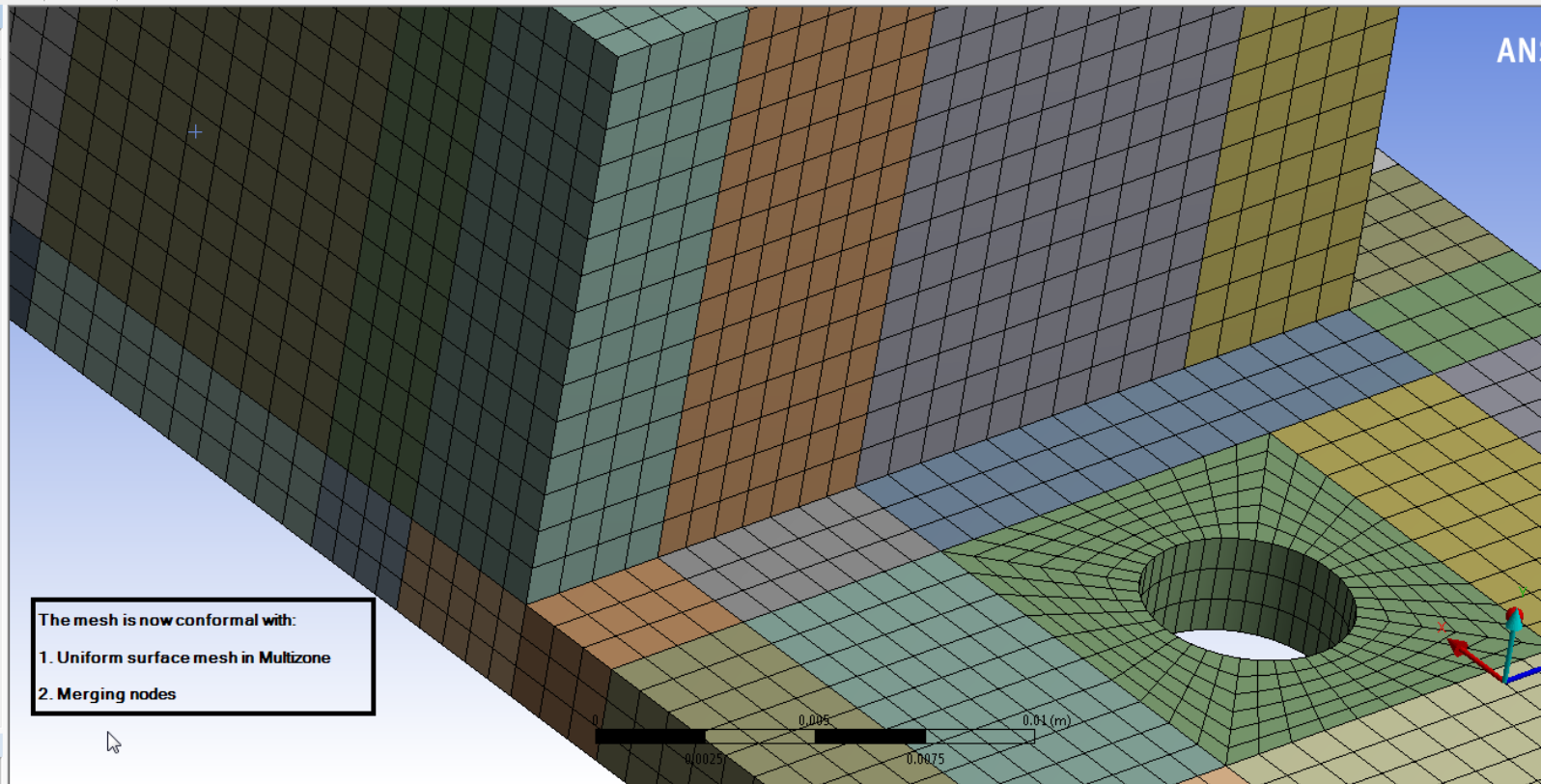
Info	Text	Association	Timestamp
Info	Manual node merge operation merged 719 node(s).	Project>Model>Mesh Edit	Wednesday, May 30, 2018 1:09:23 PM

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Details of "Mesh"

Display

Display Style: Body Color

Defaults