SVS FEM

Associated Springs ACT

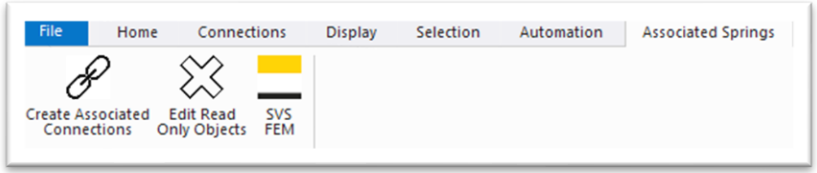
Your partner in computing

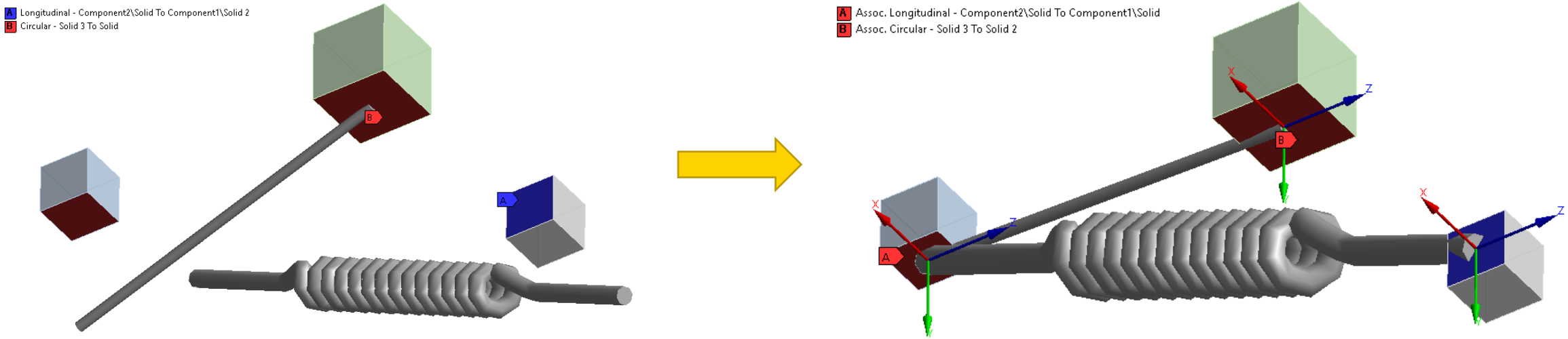
Description

Modul: Mechanical

This ACT extension enables you to **associate spring, bearing or beam connections to geometry**. That means that if geometry is moved, connection follows its movement.

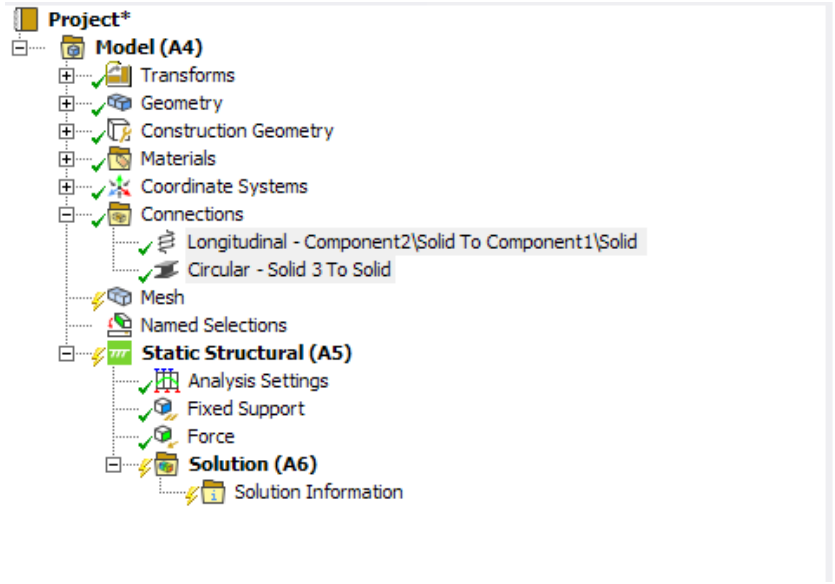
By default these connections don‘t move with geometry because they are defined by absolute location in global coordinate system.

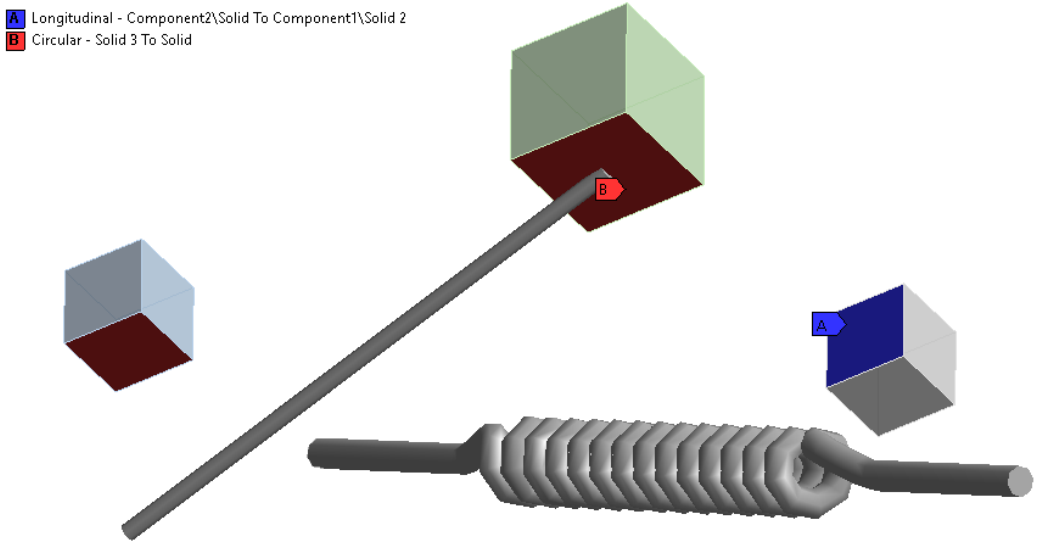




Workflow

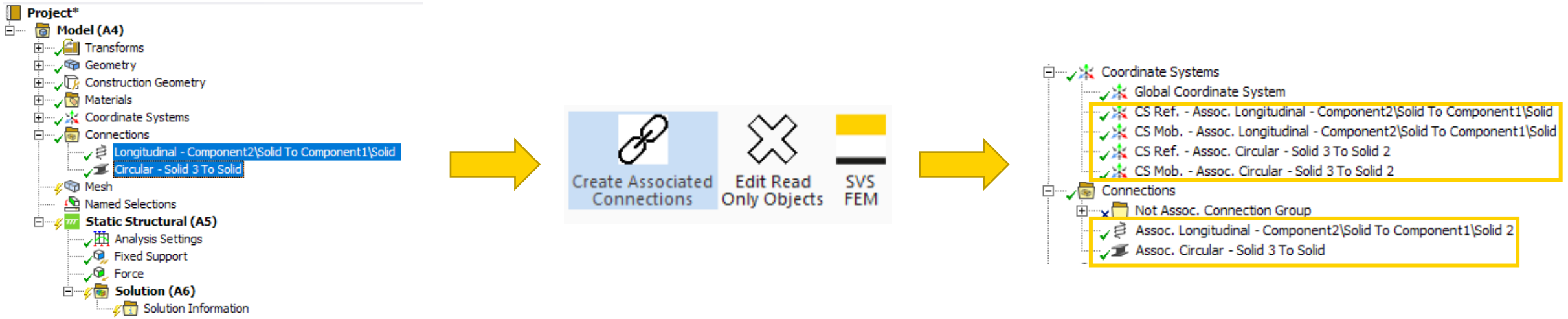
1. Create Spring, Bearing or Beam connections as you usually do.
    1. You can choose both Geometry or Named Selection Scoping Method.
    2. If you use Body to Ground connection type, then the Reference will remain unassociated.





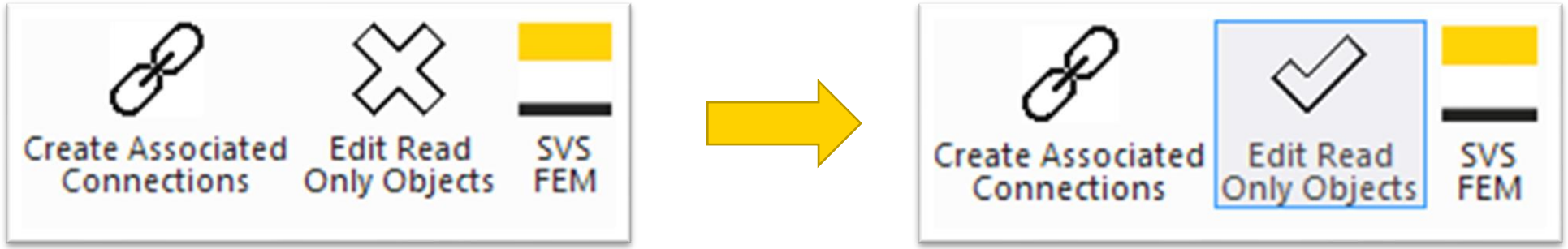
Workflow

2. Once you‘ve done it, select connections you‘d like to associate in Mechanical tree and click on Create Associated Connections button in extension toolbar.
   1. For each connection two coordinate systems (CSs) associated to geometry are created.
   2. Associated connections are created using associated CSs.
   3. Original connections are suppressed and moved to Not Assoc. Connection Group



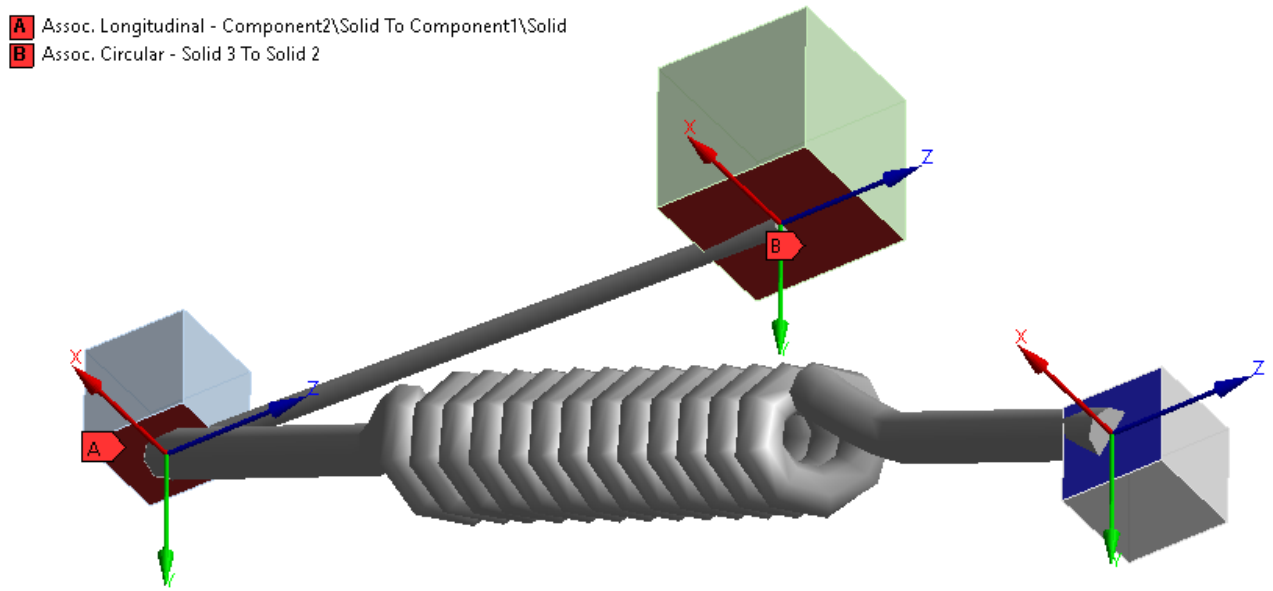
Workflow

3. If some connections are read only but you would like to associate them as well, check Edit Read Only Objects button to enable it.



Workflow

- That’s it! Now you can move your parts as you like without messing up whole model.



Thank you for using SVS FEM ACTs

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