Intro til Solibri Model Checker

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File   Checking   Settings   Window   Help

Model   Checking   Presentation

Checking   Add   Check   Report

Rule Set			⚠	⚠	⚠	✗	✓
Space Checking							
§ The Model Should Have Spaces	▦						OK
Space Properties				⚠			
§ Space Validation			⚠				
Space Group Analysis			⚠				
Intersection Checking							
Intersections - Same Kind of Components			⚠		⚠		
§ Wall - Wall Intersections	⚒ ▦	⚠					
§ Slab - Slab Intersections	⚒ ▦	⚠			✗		
§ Roof - Roof Intersections							OK
§ Beam - Beam Intersections	⚒ ▦	⚠					
§ Column - Column Intersections	⚒ ▦	⚠					
§ Door - Door Intersections							OK
§ Window - Window Intersections							OK
§ Stair - Stair Intersections							OK
§ Suspended Ceiling - Suspended Ceiling Intersections							—
§ Railing - Railing Intersections	⚒ ▦	⚠	⚠	⚠			
§ Ramp - Ramp Intersections							—

Results   Automatic

| Results	
☐ ⚠ **Intersecting Components [0/7]**	
⚠ **Intersecting Components in Different Floors [0/7]**	
⚠ **Basic Wall:A-E-Sandw-420-150/200/70 (2) [0/2]**	
⚠ **Basic Wall:A-E-Sandw-420-150/200/70 and Basic Wall:A-X-Conc-150 [0/1]**	
⚠ Wall.-2.30 (Basic Wall:A-X-Conc-150) and Wall.0.87 (Basic Wall:A-E-Sandw-420-150/200/	
Wall.-2.30	
Wall.0.87	
⚠ **Basic Wall:A-E-Sandw-420-150/200/70 and Basic Wall:A-X-ConcPC-120 [0/2]**	
⚠ **Basic Wall:A-E-Sandw-420-150/200/70 and Basic Wall:A-X-ConcPC-150 [0/1]**	
⚠ **Basic Wall:A-I-Gyps-Gyps-120-25/70/25 and Basic Wall:A-X-Conc-180 [0/1]**	
⚠ **Similar Intersections in One Floor [0/2]**	

Info

Wall.0.21

PSet_Revit_Type_Graphics	PSet_Revit_Type_Identity Data	Pset_WallCommon
PSet_Revit_Identity Data	PSet_Revit_Structural	PSet_Revit_Type_Construction
PSet_Revit_Analytical Model	PSet_Revit_Constraints	PSet_Revit_Dimensions
Identification	Location	Quantities	Material	Profile	Relations

Property	Value
Model	Fjordglimt
Name	Basic Wall:A-E-Sandw-420-150/200/70:539390
Type	Basic Wall:A-E-Sandw-420-150/200/70
GUID	3lSBVBekD3TBnF6mAOADGa
BATID	539390
Layer	A-WALLMBM
Is External	True
Geometry	Extrusion

3D   Spin   Info

Wall.0.21
Name: Basic
Wall:A-E-San
dw-420-150/
200/70:5393
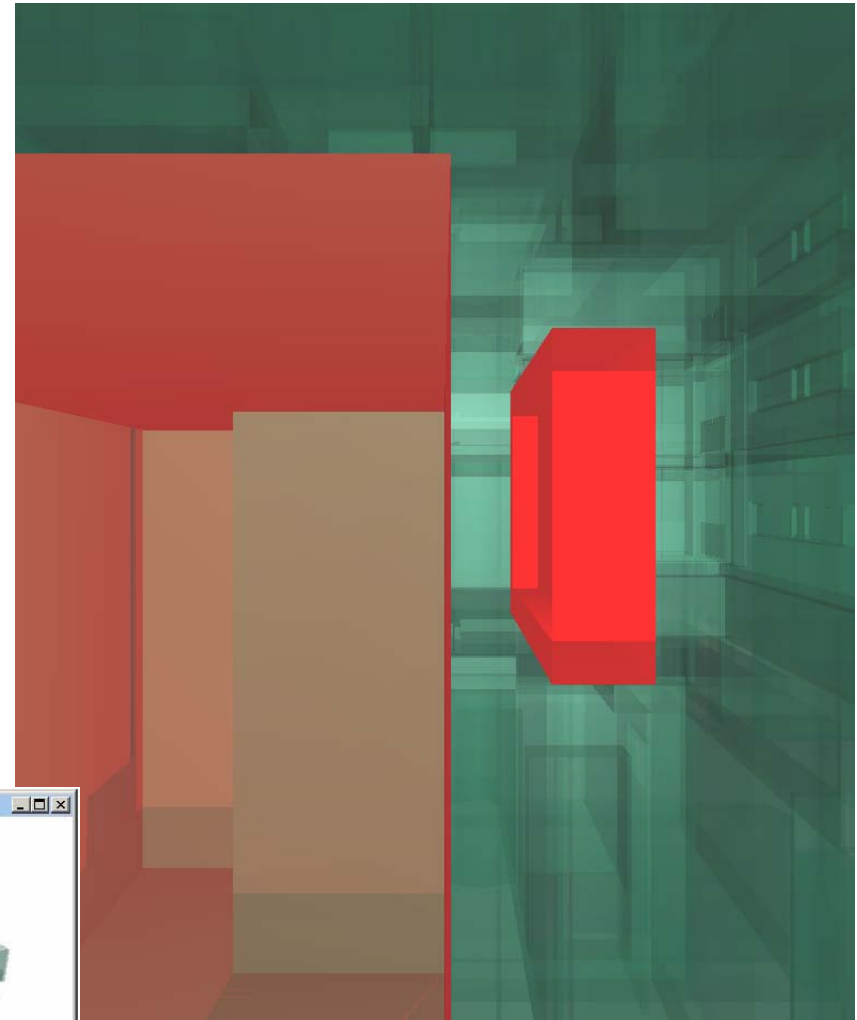90
Type: Basic
Wall:A-E-San
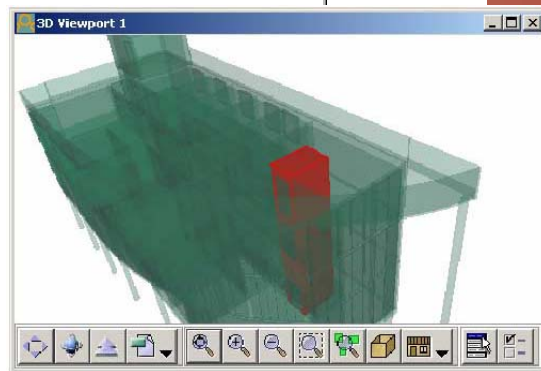dw-420-150/
200/70

Selected: 0
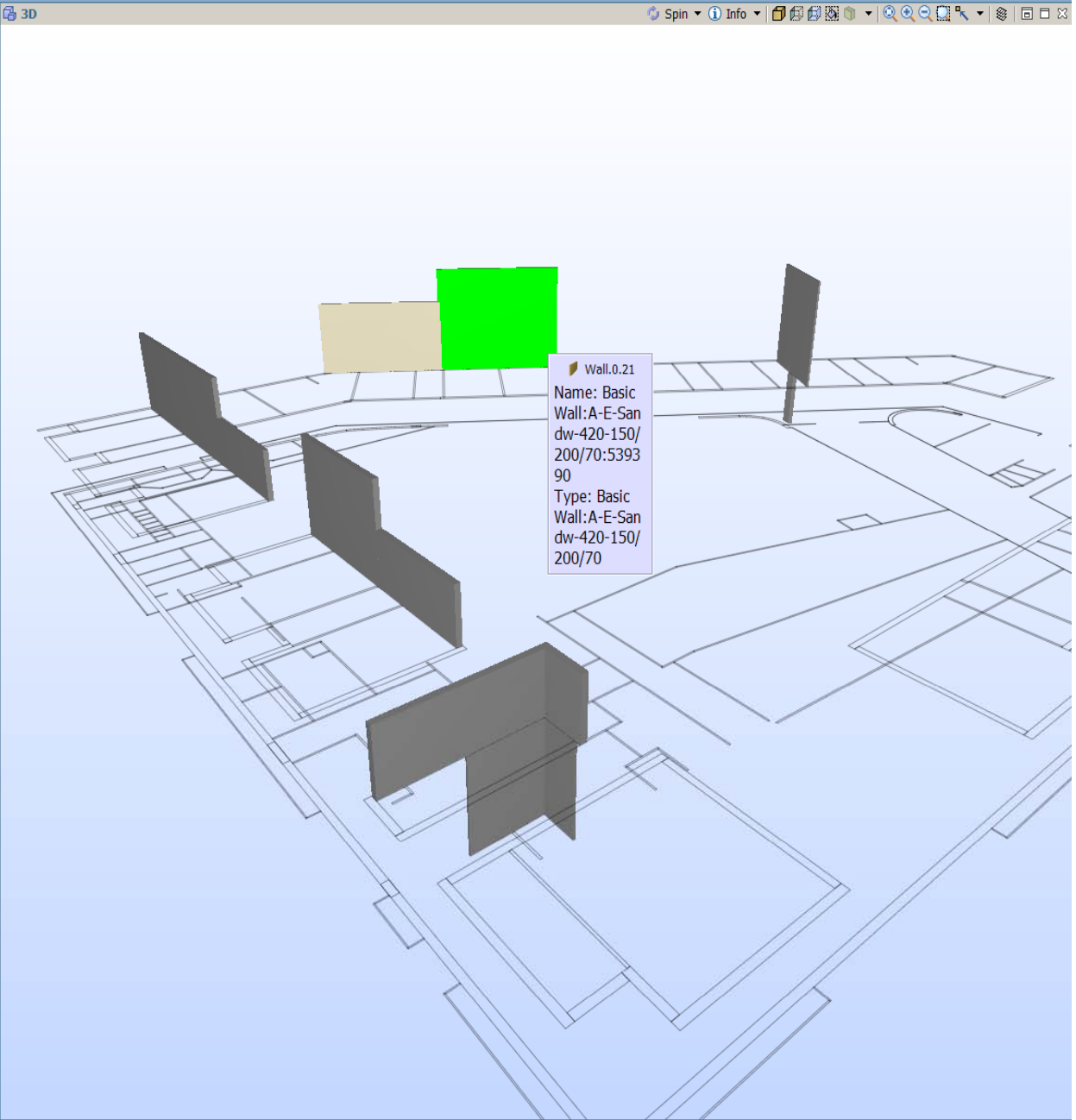
Model checker

Find collissions or 'missing collissions'
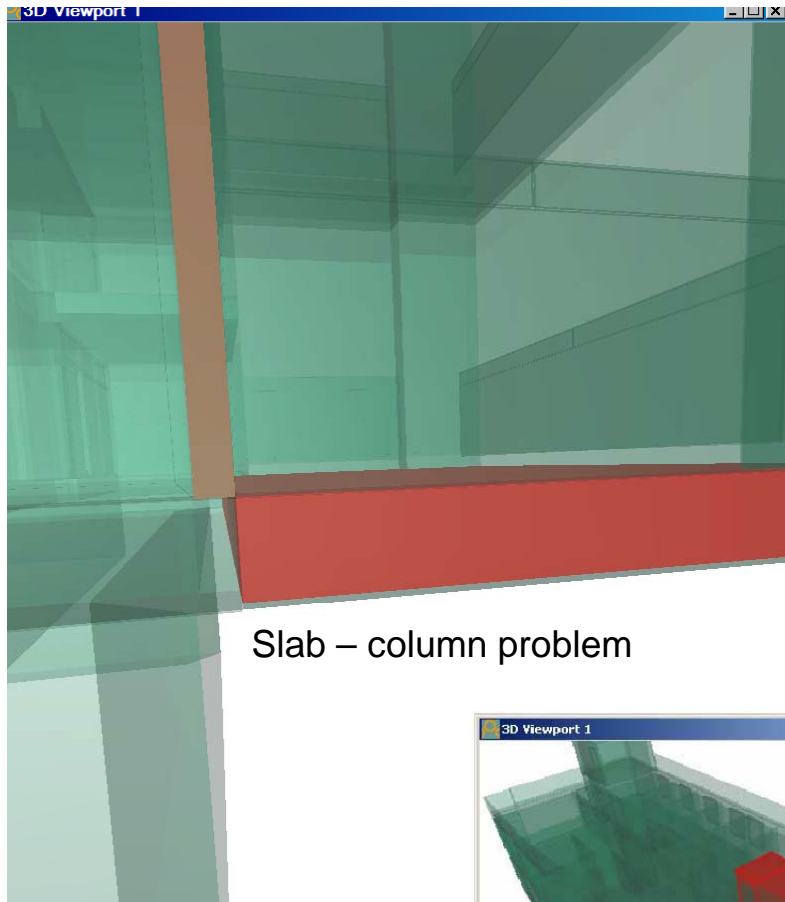
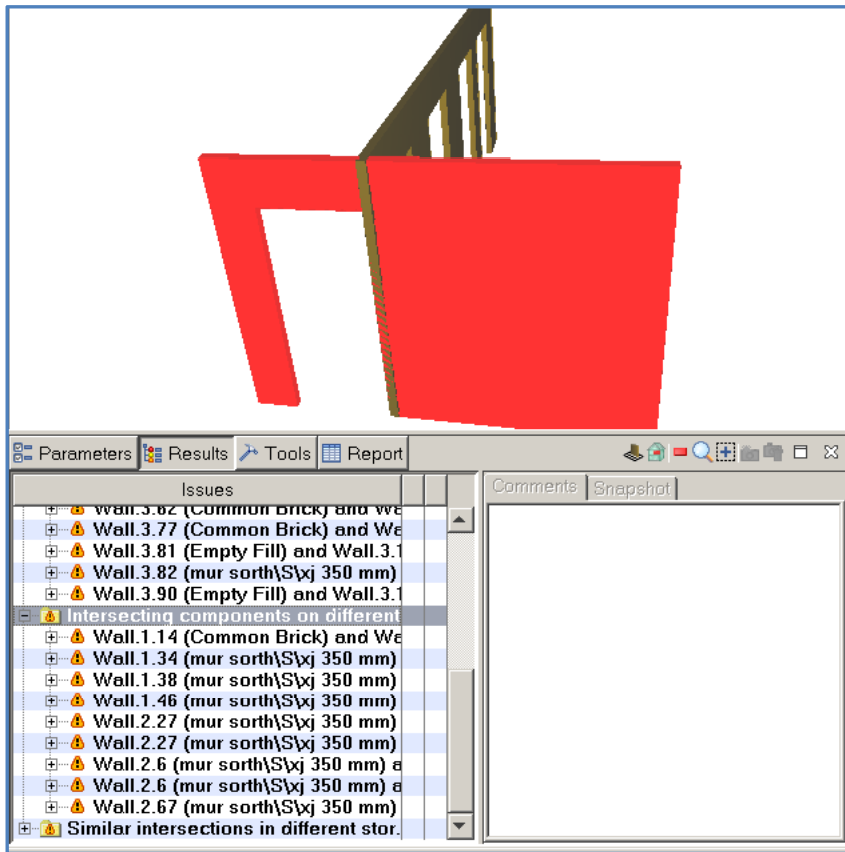

Slab – column problem

Wall – Window problem

Model checker

Intersecting walls
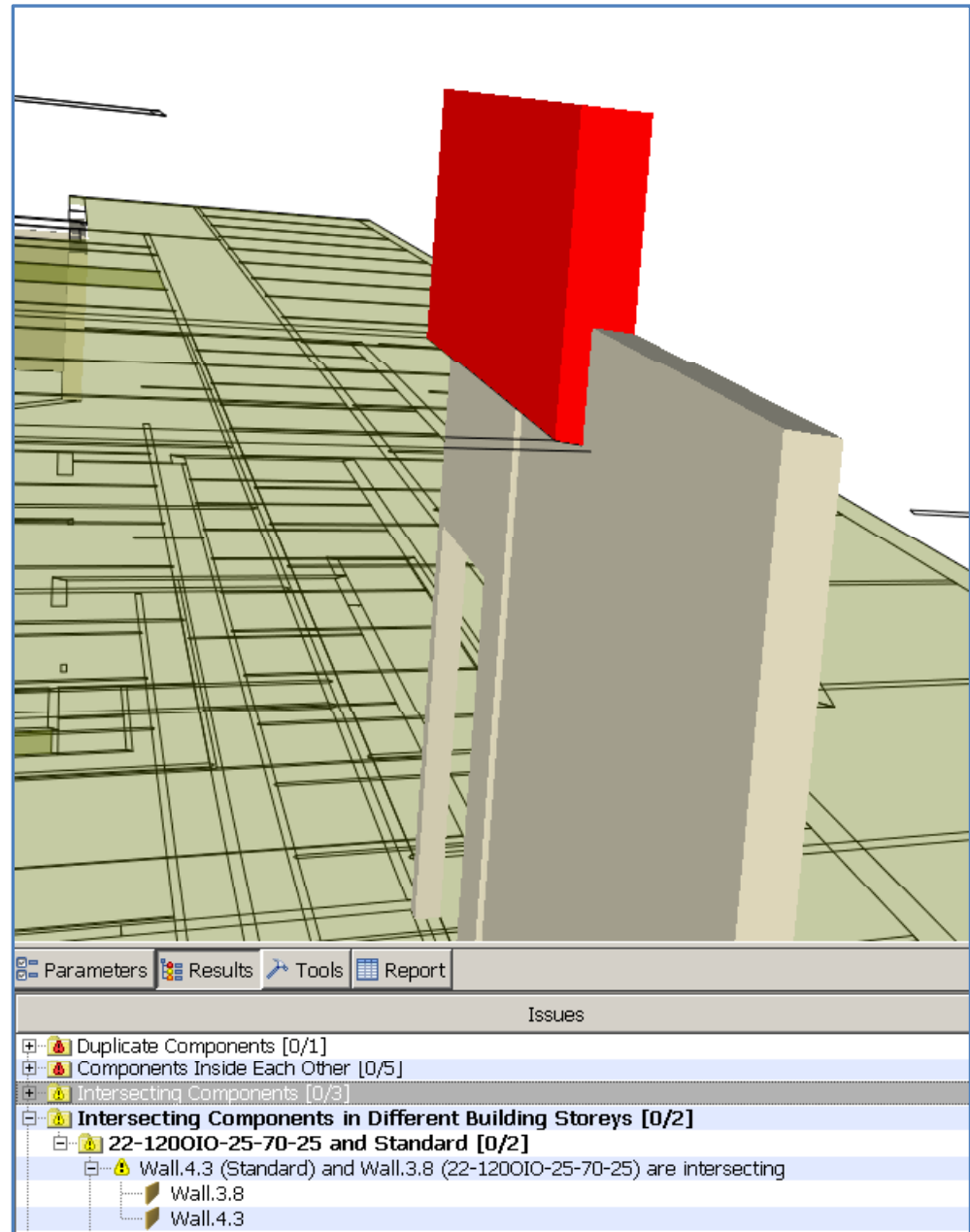
Modelstøttet samarbejde

Solibri

Koordinering gennem sammensatte modeller

Arkitekt

Konstruktion

VVS

Fagmodeller

Rule set parameters

Programmer

- Solibri Model Checker
  - kontrol af om bygningsmodel lever op til en række krav
  - kollissionskontrol mellem forskellige fagmodeller

- Solibri Model Viewer
  - Gratis viewer til at vise IFC-filer
  - Kan hentes hos www.solibri.com

- Solibri IFC optimizer
  - Gratis program til optimering af store IFC-filer, så de fylder mindre
  - Kan hentes hos www.solibri.com

Installation

- Installationsfil og user guide i
  - \\appl-i5.cs.aau.dk\nobackup\Shared_software\Solibri

- Programmet virker kun, hvis maskinen er tilsluttet netværket på Institut for Byggeri og Anlæg, enten direkte i et af vore netstik, eller vores trådløse net eller gennem VPN.

- Vi har kun licens til 20 samtidige brugere, så **start kun 2 pr gruppe***.
  Første gang programmet startes skal programmet registreres. Vælg "Floating License" og gå videre til næste skærmbillede, "Configure License Server". Dobbeltklik i feltet under "Hostname or IP Address", skriv 192.168.183.21 og tryk på Scan-knappen til højre. I meddelelsesfeltet nedenunder skulle der nu komme følgende tekst:

  Connecting 192.168.183.21%6200...
  CHECK OUT - OK
  CHECK IN - OK
  License OK!

- Tryk herefter Finish.