

Institute of Aircraft Systems

University of Stuttgart

VVT Requirements Document

Capabilities and Limits of the XGEE Visualization Verification Pipeline

Team

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1 Vertex too small

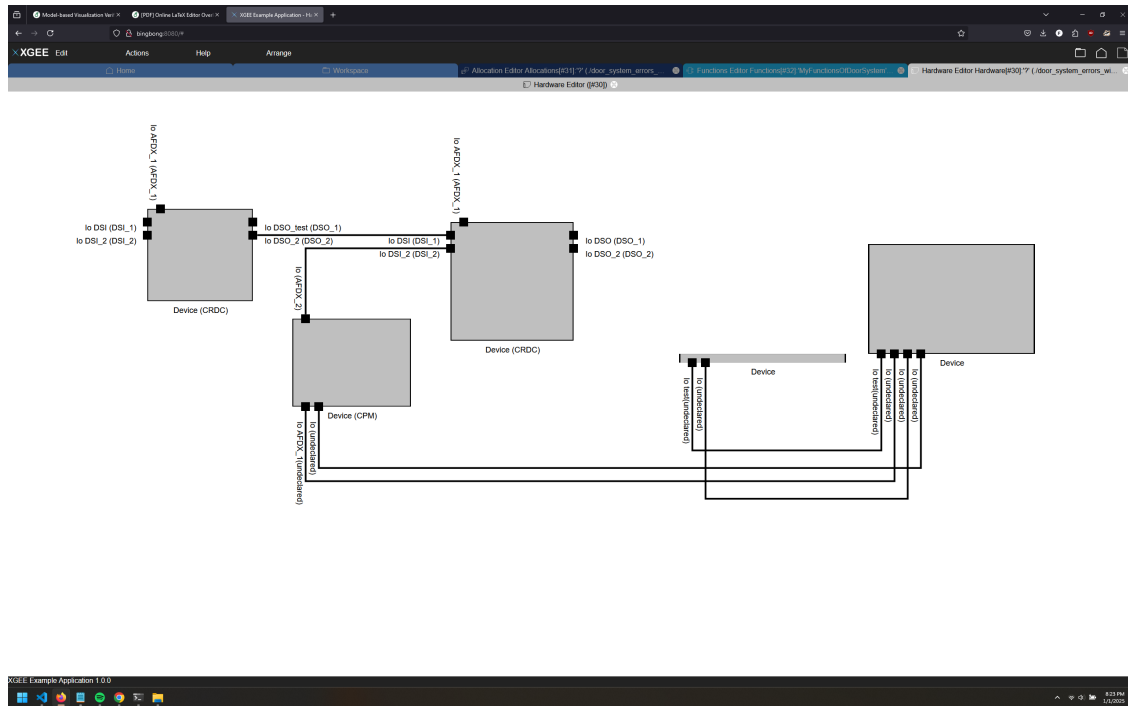


Figure 1: Vertex too small

2 Vertex too large

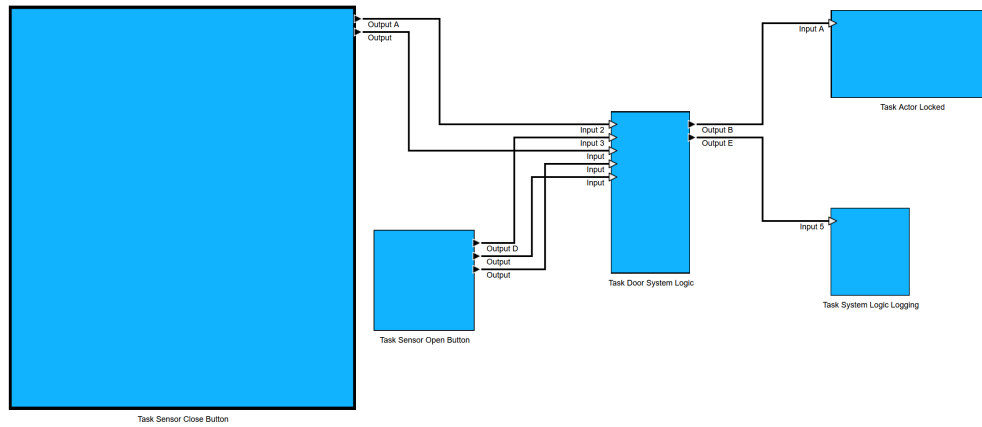


Figure 2: Vertex too large

3 Vertex wrong color

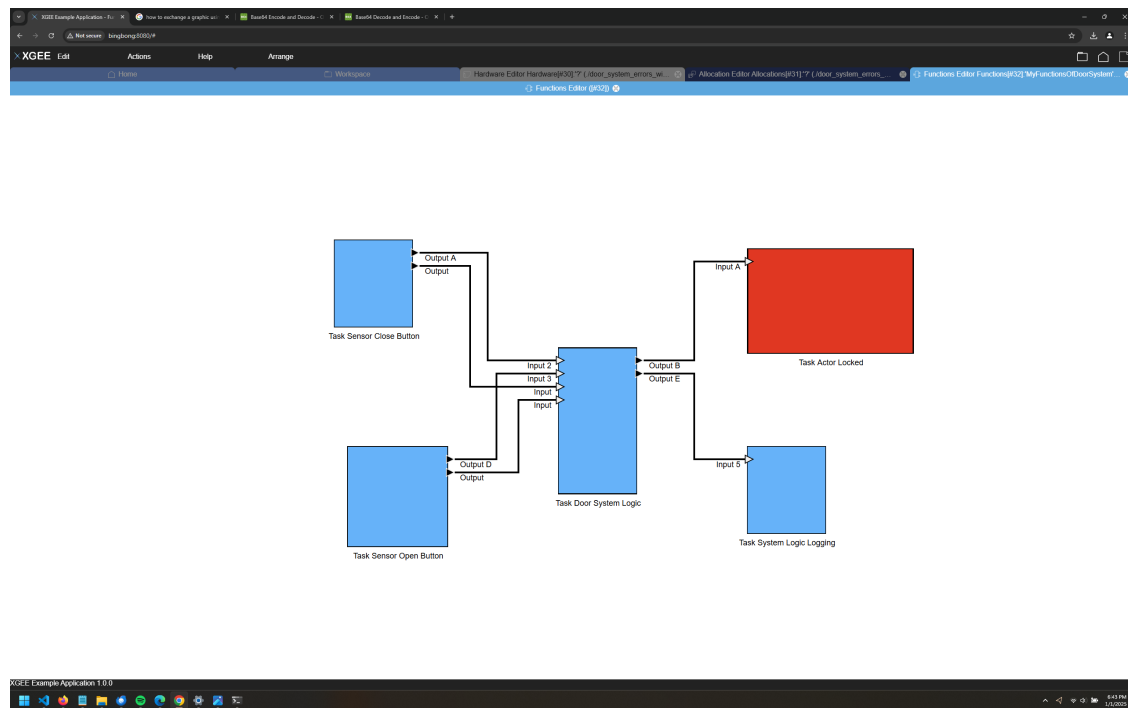


Figure 3: Vertex wrong color

4 Vertex in wrong position

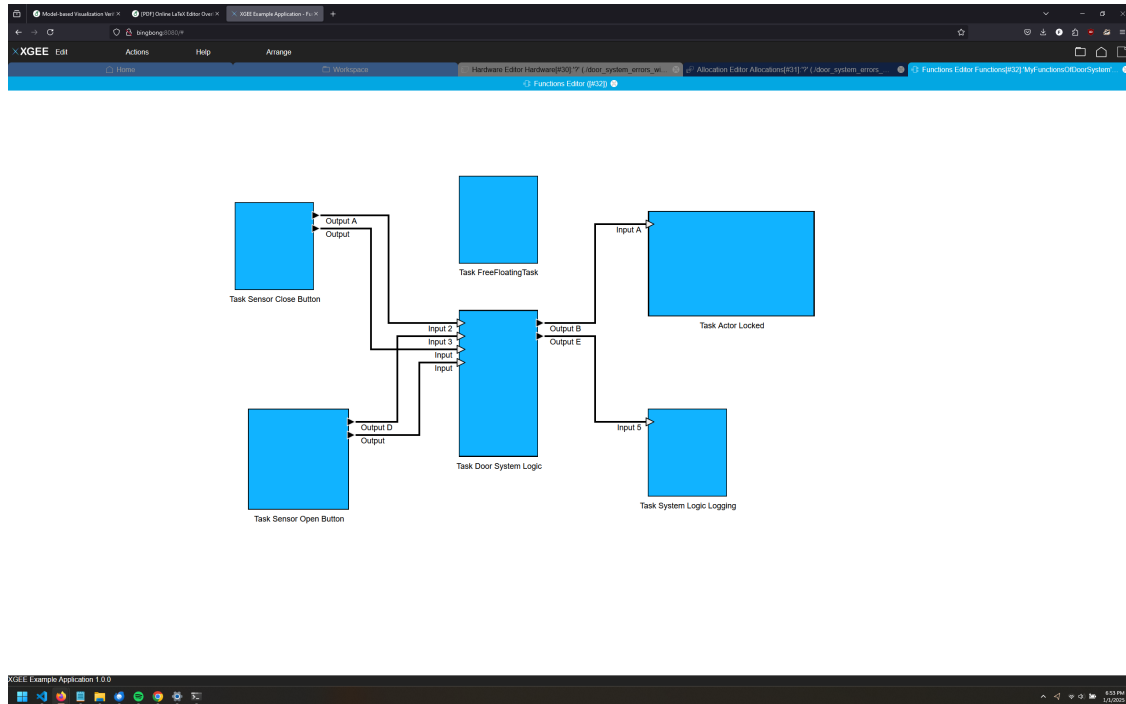


Figure 4: Vertex in wrong position

5 Vertices too close to each other

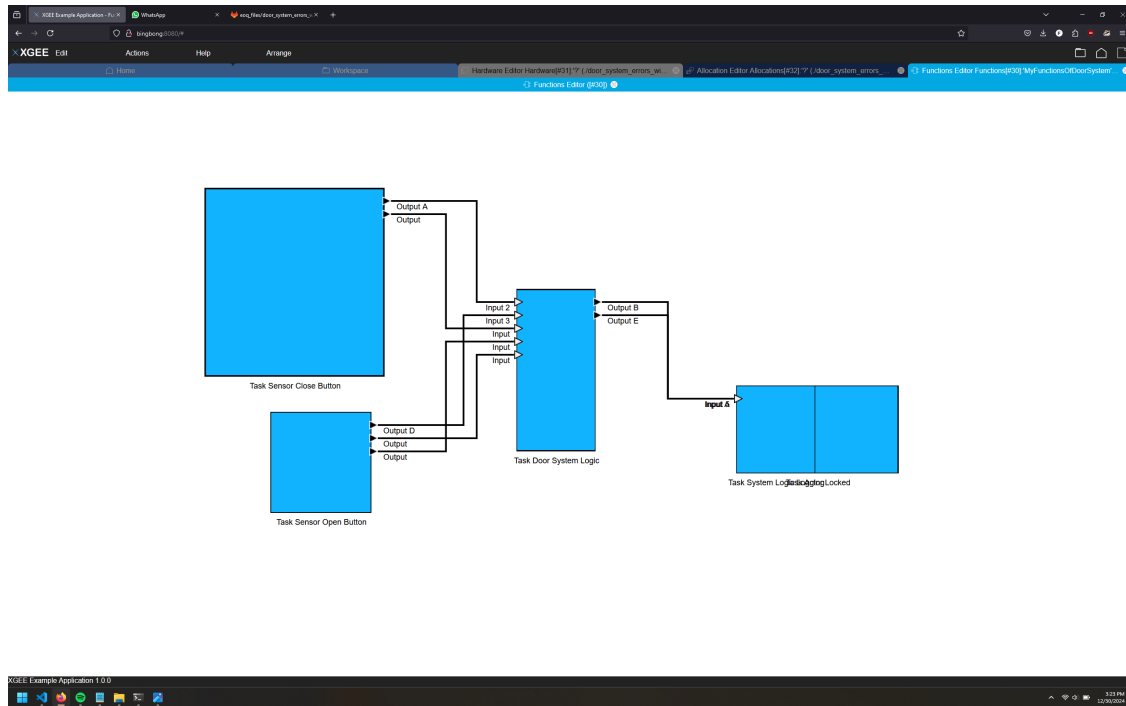


Figure 5: Vertices too close to each other

6 Vertices overlapping

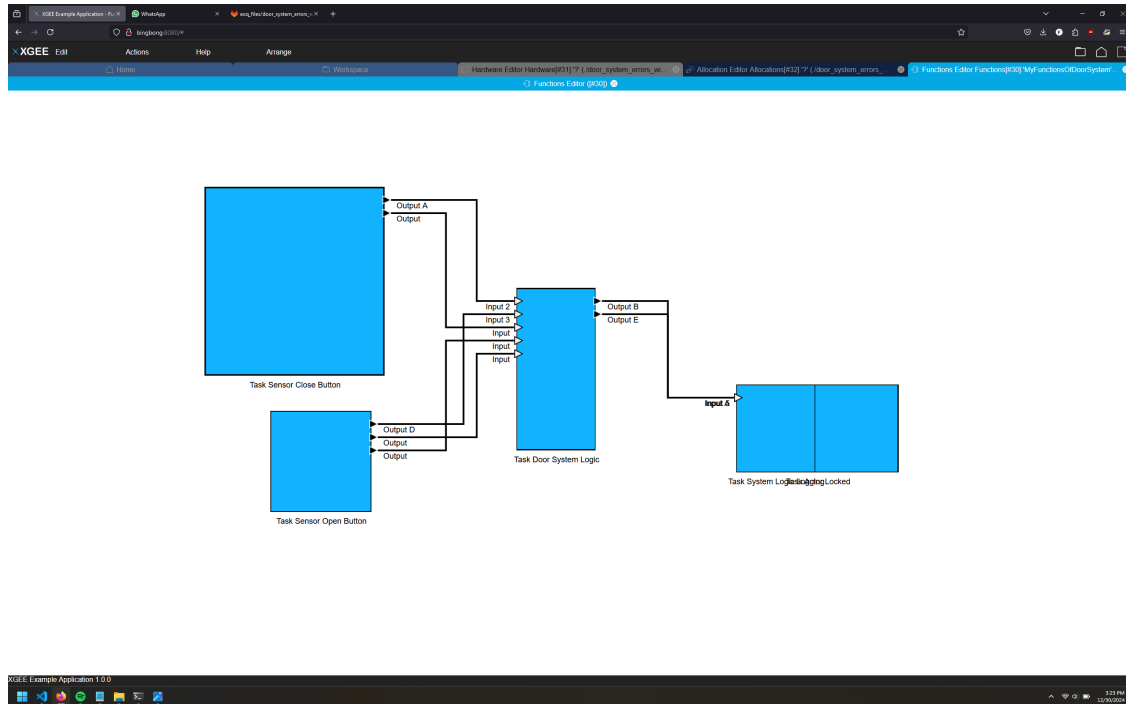


Figure 6: Vertices overlapping

7 Vertices offscreen

Figure 7: Vertices offscreen

8 Vertex without parent element

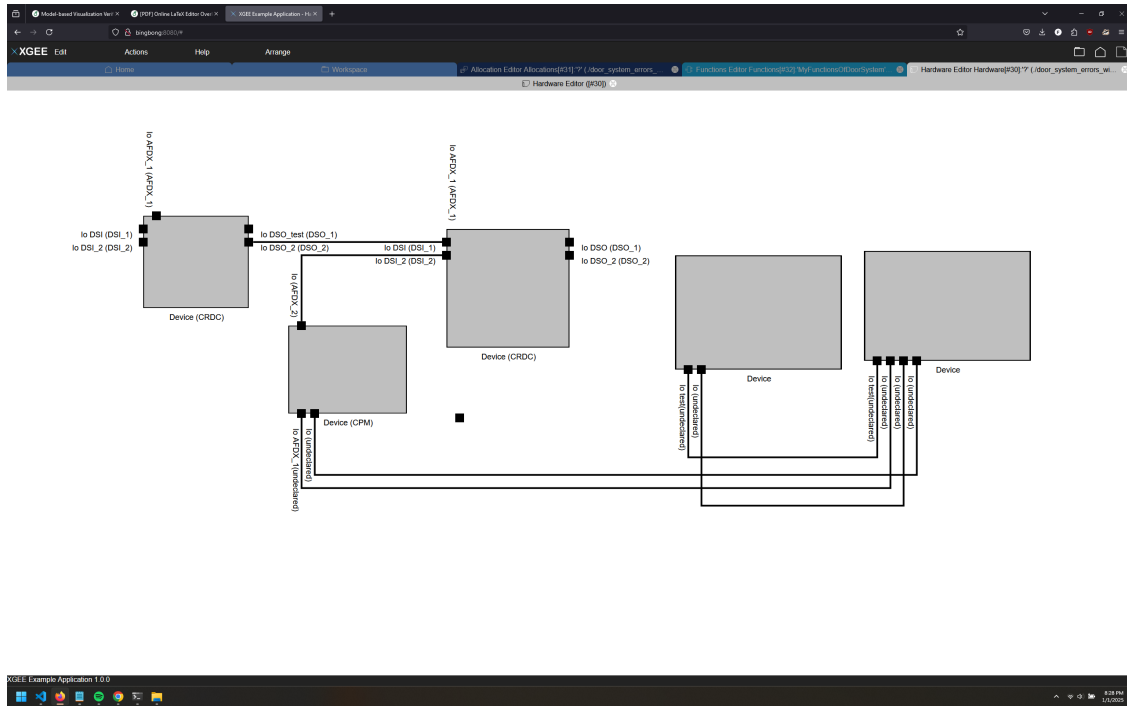


Figure 8: Vertex without parent element

9 Vertex displayed incorrectly

Figure 9: Vertex displayed incorrectly

10 Vertex in visualization, but not in model

Figure 10: Vertex in visualization, but not in model

11 Vertex in model, but not in visualization

Figure 11: Vertex in model, but not in visualization

12 Edge too thin

Figure 12: Edge too thin

13 Edge too wide

Figure 13: Edge too wide

14 Edge wrong color

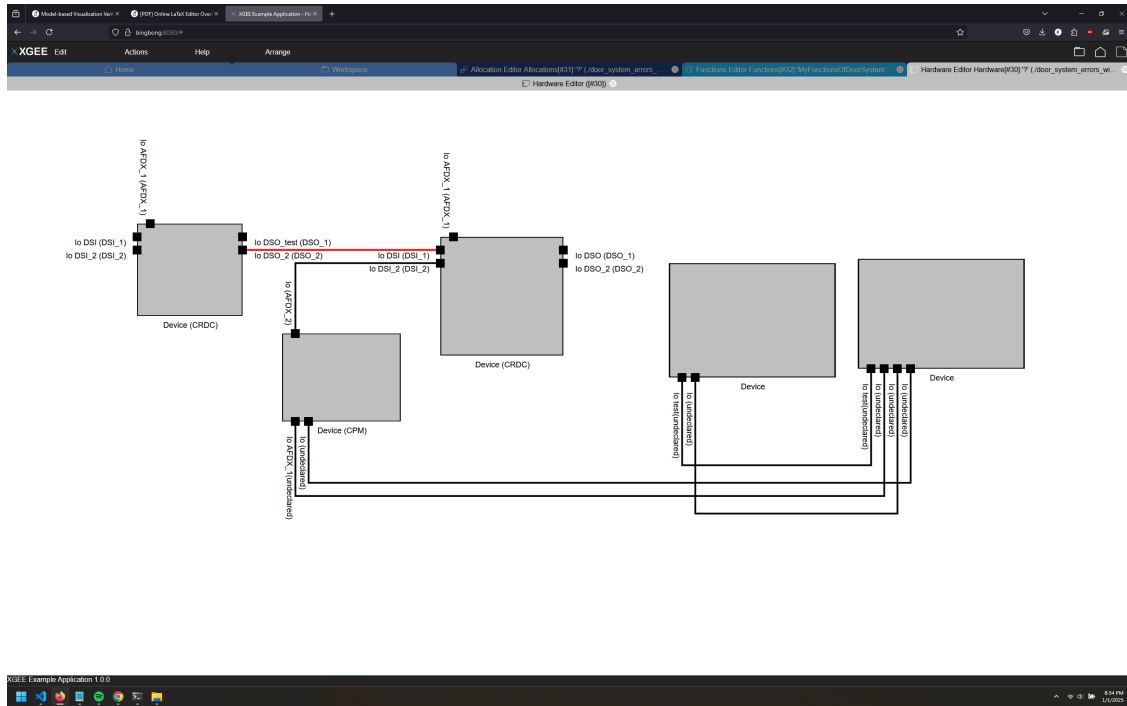


Figure 14: Edge wrong color

15 Edge not connected to anything

Figure 15: Edge not connected to anything

16 Edge connecting wrong elements

Figure 16: Edge connecting wrong elements

17 Edges too close to each other

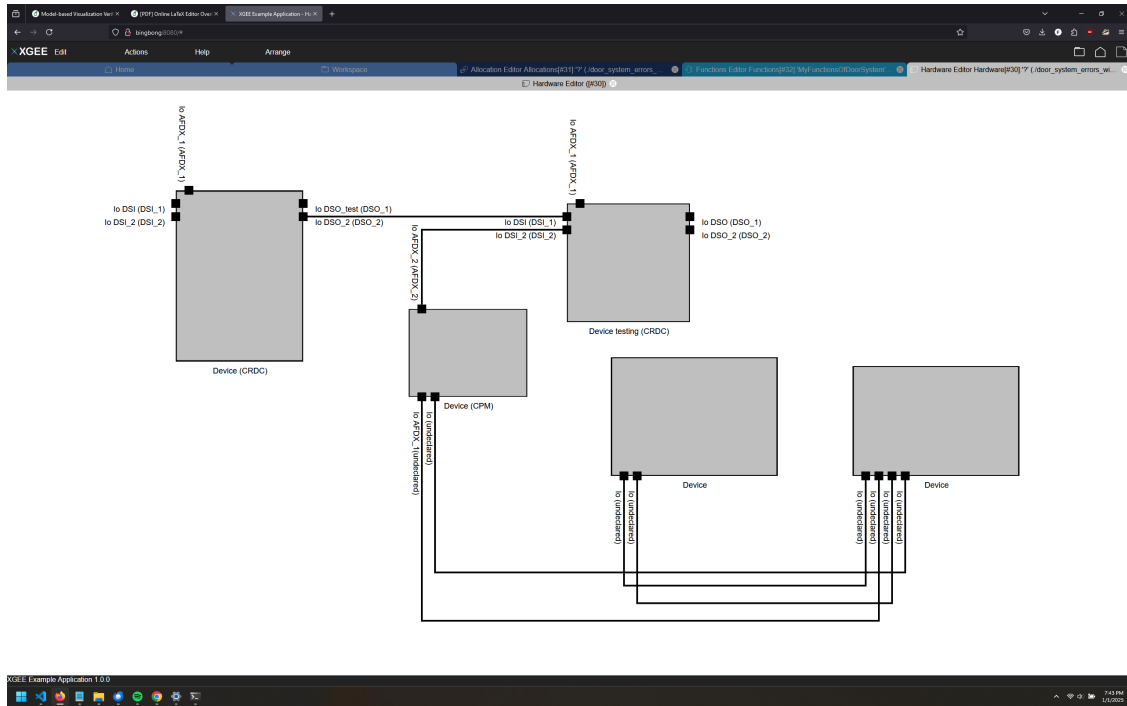


Figure 17: Edges too close to each other

18 Edges forming ambiguous intersections

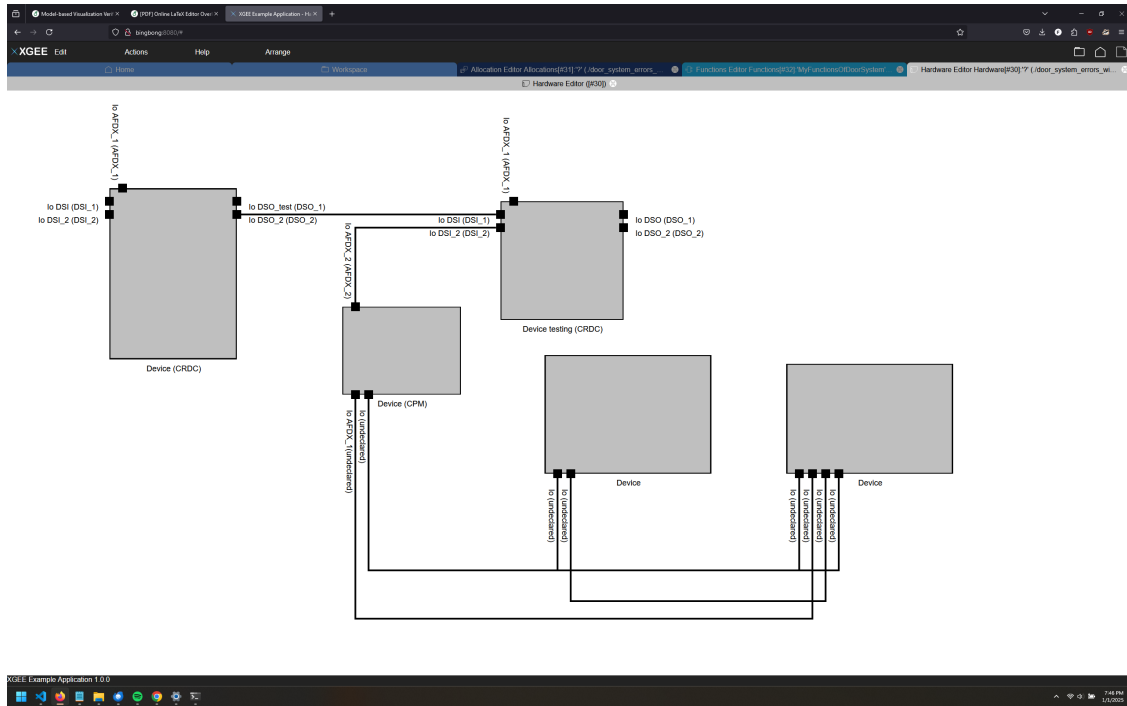


Figure 18: Edges forming ambiguous intersections

19 Edges offscreen

Figure 19: Edges offscreen

20 Edge in visualization, but not in model

Figure 20: Edge in visualization, but not in model

21 Edge in model, but not in visualization

Figure 21: Edge in model, but not in visualization

22 Text too small

Figure 22: Text too small

23 Text too large

Figure 23: Text too large

24 Text wrong color

Figure 24: Text wrong color

25 Text in wrong position relative to parent element

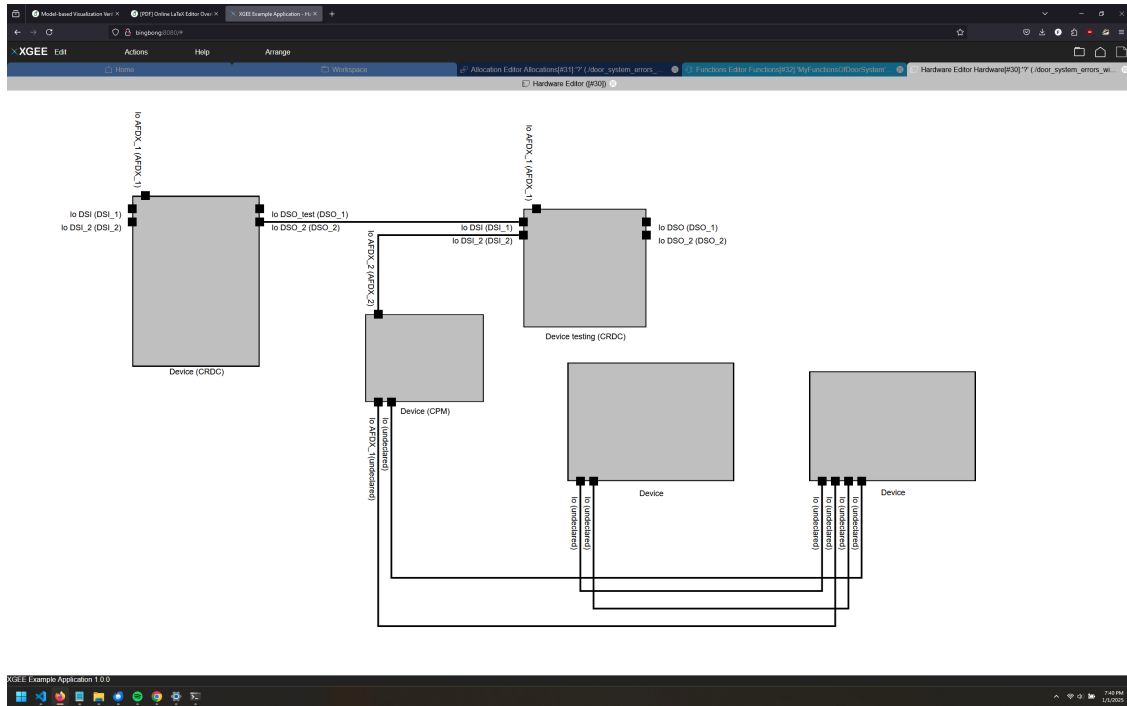


Figure 25: Text in wrong position relative to parent element

26 Text without parent element

Figure 26: Text without parent element

27 Texts too close to each other

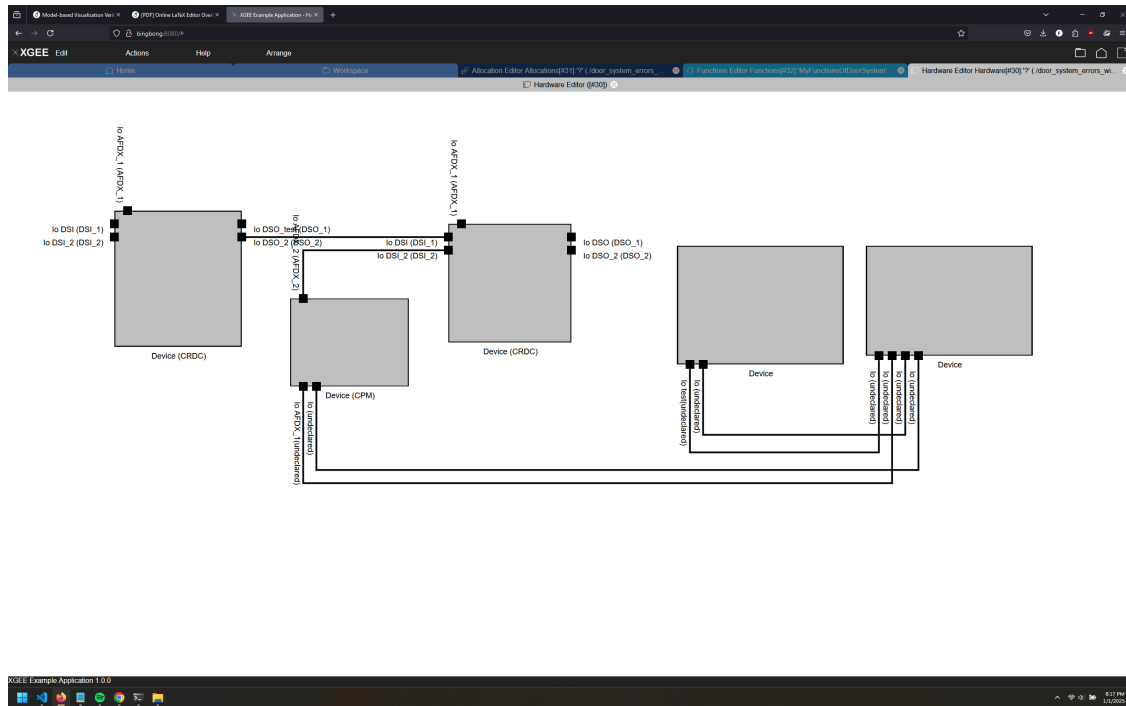


Figure 27: Texts too close to each other

28 Texts overlapping

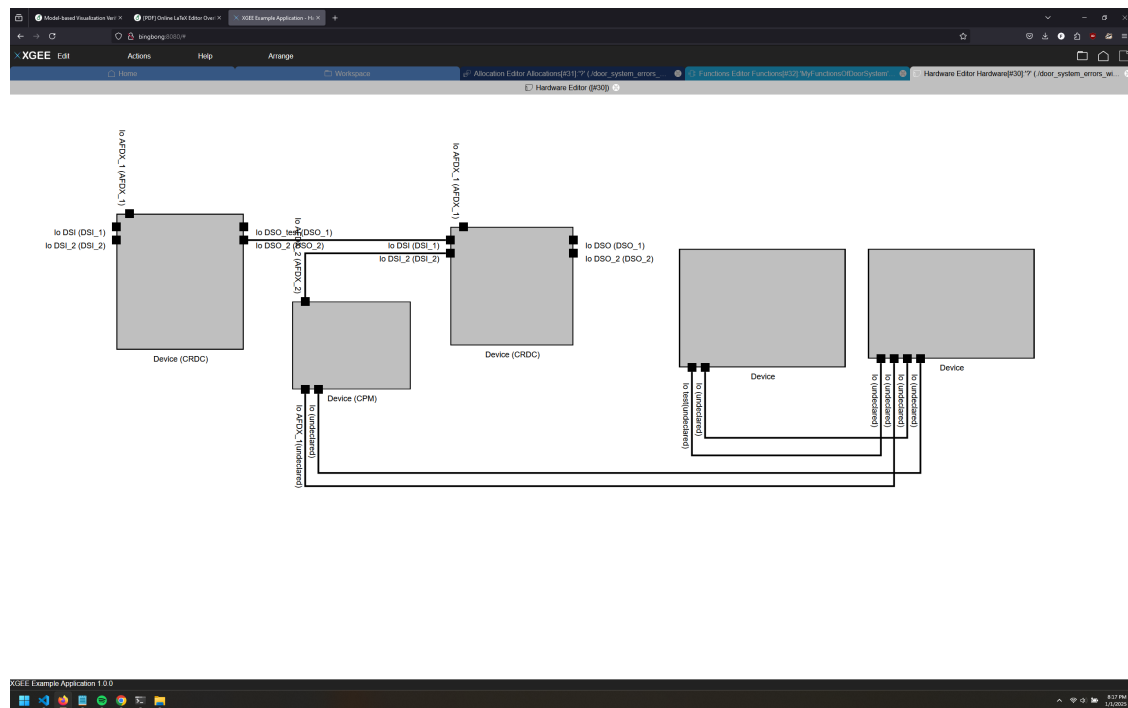


Figure 28: Texts overlapping

29 Text overlapping with other elements

Figure 29: Text overlapping with other elements

30 Text offscreen

Figure 30: Text offscreen

31 Text in visualization, but not in model

Figure 31: Text in visualization, but not in model

32 Text in model, but not in visualization

Figure 32: Text in model, but not in visualization

33 Text wrong in visualization

Figure 33: Text wrong in visualization