

3D visualization of BIMs using DirectX

Project Characteristics

Modeling: ★★☆☆☆
 Mathematics: ★★☆☆☆
 Programming: ★★★★★

Setting:

- The progressTrack Viewer visualizes construction progress monitored during on site photo sessions

Your Tasks (choose preferred ones):

- Optimizing the meshing algorithms
- GUI features
- Implement provided algorithms for as-built as-planned comparison
- 3D Viewer with DirectX support

ID	Date	Size	Filtering	Bemerkung	Rate	Size	Model	octomap	Octree	Size	octomap	Prob	H	octomap	Prob	Max	octomap	Clamping	Thresh	Min	octomap	Clamping	Thresh	Max	cmg	Dist	cmg	for	cmg	for	alpha		
4	13.03.13	-1.00		kur 4 - StraÙenleiste	10.00	15.00		0.70	0.40	0.12	0.97			5.00	2.00	45.00																	
5	12.06.13	-1.00		kur 4 - StraÙenleiste	10.00	13.00		0.70	0.40	0.12	0.97			5.00	2.00	40.00																	
6	27.06.13	-1.00		keine	10.00	15.00		0.70	0.40	0.12	0.97			5.00	2.00	45.00																	
7	27.06.13	1.00		Anzahl StraÙen, TiefengenaÙig	10.00	15.00		0.70	0.40	0.12	0.97			5.00	2.00	45.00																	
8	27.06.13	1.00		Anzahl StraÙen, TiefengenaÙig	10.00	10.00		0.70	0.40	0.12	0.97			5.00	2.00	45.00																	
9	27.06.13	1.00		Anzahl StraÙen, TiefengenaÙig	10.00	5.00		0.70	0.40	0.12	0.97			5.00	2.00	45.00																	
10	27.06.13	10.00		Anzahl StraÙen, TiefengenaÙig	10.00	15.00		0.70	0.40	0.12	0.97			5.00	2.00	45.00																	
11	27.06.13	10.00		Anzahl StraÙen, TiefengenaÙig	20.00	15.00		0.70	0.40	0.12	0.97			5.00	2.00	45.00																	
2	17.07.13	-1.00		keine	10.00	13.00		0.70	0.40	0.12	0.97			5.00	2.00	40.00																	
1	06.08.13	-1.00		keine	10.00	15.00		0.70	0.40	0.12	0.97			5.00	2.00	45.00																	
5	04.09.13	-1.00		keine	10.00	15.00		0.70	0.40	0.12	0.97			5.00	2.00	45.00																	