

Weekly Report #1

Group Nr. 9

1 Weekly Progress

Accomplished tasks:

- Ihsan Berkan, Balaban: Read the paper 'KinectFusion: Real-Time Dense Surface Mapping and Tracking', did some CUDA tutorials, setup the project locally.
- Dominic, Ebner: Read paper 'KinectFusion: Real-Time Dense Surface Mapping and Tracking', Looking at suitable CUDA libraries
- Lukas, Schneidt : Read paper 'KinectFusion: Real-Time Dense Surface Mapping and Tracking', Setup project locally
- Muhammad, Faizan: Read paper 'KinectFusion: Real-Time Dense Surface Mapping and Tracking', Setup Initial git repository and project, and Getting started tutorials with CUDA.

2 Problems

- Few unclear things from the paper. We will discuss within the team or with the tutors.

3 Results

None

4 Plan

- Read more papers about the topic
- Team discussion and start working on Depth Map Conversion and Camera Tracking using Linearized ICP.