

RVC Team6

- Goals
 - Receive GPS and stereo data
 - Send GPS data to map
 - Convert GPS data to metric coordinate system
 - Ego-motion estimation from stereo data (reimplementation with faster openCV methods)
 - Fuse data in the metric coordinate system
 - Convert to Latitude / Longitude and sent to map
 - Overlay openstreetmap with the three positions

- Goals
 - Receive GPS and stereo data
 - Send GPS data to map
 - Convert GPS data to metric coordinate system
 - Motion estimation from stereo data
 - 3D Points of the keypoints are caluculated and matched
 - 3D Pose not working
 - Fuse data in the metric coordinate system
 - Extended Kalman Filter not implemented
 - Convert to Latitude / Longitude and sent to map
 - Overlay openstreetmap with the three positions

- Issues:
 - Problems with Quadrocopters GPS receiver
 => no bag files available until last wednesday
 - Stereo data not the best, because the quadrocopter was only carried around not flying
 - Bad communication / time managmend in team





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