

Sprint Retrospective Document

Date: 19.12.2018

Project acronym: ROBOCON-OCU

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Sprint 3 summary

Item ID	WP ID	Status	Group's comments
1	4	In progress	We can transmit structs reliably between two computers with different architectures. Implementation part is over.
2	9	In progress	A basic GUI consisting of buttons and a media player has been built but the networking part is missing
3	5	Complete	UDP based video streaming between two devices are complete
4	4	Complete	We can transmit data over a robust connection with RHexLib's communication utilities
-	3	Was not on the initial plan (In progress)	A complete Yocto build for the Raspberry Pi 2 platform has been prepared. RHexLib is compiled on the platform and initial tests were successful. As the needs arise, changes will be done accordingly.

Sprint 4 plan

Item ID	WP ID	Description	Status
1	9	Implementation of a simple GUI application with video streaming capability	Leftover from Sprint 3
2	4	Design of message types representing robot state and control signals for wireless communication	Leftover from Sprint 3
3	5	Modularization and porting of video streaming system to C++, possibly with RHexLib	New
4	6	Building the MiniRhex legged robot platform	New
5	3	Adding new libraries and software packages to the Yocto build according to the project's necessities	Leftover from Sprint 3

Overall progress

	Sprint 1	Sprint 2	Sprint 3	Sprint 4	Sprint 5
MF1	5%	12%	19%		
MF2	5%	9%	18%		
MF3	0%	17%	70%		
MF4	0%	19%	70%		
MF5	0%	0%	0%		
MF6	0%	5%	7%		
MF7	0%	5%	20%		
MF8	0%	10%	20%		
MF9	0%	0%	0%		
MF10	0%	0%	0%		