Sprint 1 Retrospective Document

Date: 06.11.18
Project acronym: ROBOCON-RT
Members: Yeşim Çemenk, Gökhan Saygın, Çağrı Eser, Egemen Berk Galatalı
Supervisor: Uluç Saranlı

Sprint 1 summary

Workpackage ID (from the Kick-off doc)	Title	Status	Group's comments
1	Construction of a 2-wheeled mobile robot base	In progress	We examined example robot platforms and architectures used in practice.
2	Choice, acquisition and integration of an EtherCAT-capable embedded CPU and the associated real-time Yocto Linux infrastructure	Completed	We have decided to buy Up2 board.
3	Porting and modernization of the RHexLib software	In progress	Çağrı Eser has provided a comprehensive documentation about RhexLib.
4	Design and implementation of an abstract EtherCAT motor control	In progress	Analyzing the basics of the etherCAT motor drives.

Sprint 2 plan

Item ID	Workpackage ID (from the Kick-off doc)	Description	Status
1	1	Robot: Start working on the mechanical design of the 2 wheeled robot base.	New
2	2	Yocto Linux: Customize Yocto layers of the recipe to create the embedded Linux environment.	New
3	3	RhexLib: Porting RhexLib to ARM and embedded x86 architectures.	New

Overall progress

	Sprint 1	Sprint 2	Sprint 3	Sprint 4	Sprint 5
MF1	0%				
MF2	0%				
MF3	66.67%				
MF4	0%				
MF5	16.6%				
MF6	0%				
MF7	0%				
MF8	0%				
MF9	13%				

MF10	0%				
MF11	100%				
MF12	37%				