WiSHFUL

Wireless Software and Hardware platforms for Flexible and Unified radio and network controL

Project Deliverable D10.3

First intelligent modules and hierarchical control software prototype

Contractual date of delivery:	31-12-2016
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Beneficiaries:	IMEC, TCD, CNIT, TUB, NCENTRIC, RUTGERS
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Work package:	WP10 – Intelligent control of radio and network operation
Estimated person months:	See D10.2
Nature:	O
Dissemination level:	PU
Version:	1.0

Abstract:

This software deliverable will consist of the initial implementation of the modules populating the Intelligence Framework. The framework will be made available for the 3rd, 4th and 5th open call for experimentation.

Keywords:

Software release, Intelligence Framework, toolset, control framework

First release of the intelligent modules and the hierarchical control software prototype

We have setup WiSHFUL organization on GitHub to store all code repositories of the project. The **Intelligence Framework** is implemented using WiSHFUL control framework together with Node-RED[1].

The organization contains following:

- definitions of WiSHFUL UPIs
- implementations of WiSHFUL UPIs in platform modules.
- implementation of WiSHFUL control framework
- examples of implemented showcases (including control programs with **intelligent modules** realized in Node-RED)

The **hierarchical control** can be realized with the WiSHFUL control framework.

The organization can be found in:

https://github.com/wishful-project

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[1] https://nodered.org/