



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

Project Deliverable D6.3

First Portable Testbed toolset

Contractual date of delivery:	31-12-2015
Actual date of delivery:	23-12-2015
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Work package:	WP6 – Testbed on the move
Estimated person months:	See D6.2
Nature:	O
Dissemination level:	PU
Version:	1.0

Abstract:

This deliverable describes the first release of software tools on the WISHFUL portal for setting up a testbed on the move, together with the supporting documentation.

Keywords:

Portable testbed, Experimentation tools, WTA GitHub, Backbone Network Controller, Backbone Network Agent

First portable testbed toolset

The portable testbed toolset contains two separate toolsets.

The first toolset is identical to the Experimentation Toolset used in WP5. This is because the experimentation tools that can be used on the fixed WiSHFUL testbeds can also be used to run experiments on the portable testbed.

The second toolset contains all information needed to setup and configure the wireless backbone of the portable testbed, using WiSHFUL UPIs.

1. Experimentation Toolset

- Documentation: <http://www.wishful-project.eu/ExperimentationTools>
- GitHub: <https://github.com/WirelessTestbedsAcademy/ExperimentationTools>
- Short description: This toolset contains the first release of new and extended experimentation tools on the WiSHFUL portal, together with the supporting documentation. It contains tools for the provisioning of testbed resources, automated experiment control and unified measurement collection.

2. Portable testbed Toolset

- Documentation: <http://www.wishful-project.eu/PortableTestbed>
- GitHub: <https://github.com/WirelessTestbedsAcademy/portable-testbed>
- Short description: This toolset contains a first implementation of the Backbone Network Controller and the Backbone Network Agent. It also defines the interface between the testbed management framework and the Backbone Network Controller. A simple example is included in the GitHub repository that shows how the toolset can be used.