

NetXPTO - NetPlanner

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LinkPlanner is devoted to the simulation of point-to-point links.

LinkPlanner is a signals open-source simulator.

The major entity is the system.

A system comprises a set of blocks.

The blocks interact with each other through signals.

2.1 System

2.2 Blocks

2.3 Signals

List of available signals:

- Signal

The NetXPTO-LinkPlanner has been developed by several people using git as a version control system. The NetXPTO-LinkPlanner repository is located in the GitHub site <http://github.com/netxpto/linkplanner>. The more updated functional version of the software is in the branch master. Master should be considered a functional beta version of the software. Periodically new releases are delivered from the master branch under the branch name Release<Year><Month><Day>. The integration of the work of all people is performed by Armando Nolasco Pinto in the branch Develop. Each developer has his own branch with his/her name.

4.1 Network dimensioning as Translucent mode of transport

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Starting Date	:	October 03, 2017
Goal	:	Network dimensioning as Translucent mode of transport.

~~The objective of this dissertation is to develop ILP and Heuristic models for networks with translucent transport mode and finally integral in net2plan.~~

The methodology used for this is defining two networks, one being a reference and the other a realistic one. After being created will be the validation of heuristics with ILPs in the reference network. Finally apply heuristics to the case of realistic network.



