

Mascopt project

Table of contents

1 What is Mascopt ?.....	2
2 Screenshots.....	2

1. What is Mascopt ?

The main objective of the **Mascopt** (Mascotte Optimization) project is to provide a set of tools for **network optimization problems**. Examples of problems are routing, grooming, survivability, or virtual network design. Mascopt will help implementing a solution to such problems by providing a data model of the network and the demands, libraries to handle **networks** and **graphs**, and ready to use implementation of existing algorithms or linear programs (e.g integral multicommodity flow).

Mascopt is **Open Source** (under LGPL) and intends to use the most standard technologies as **Java Sun** and **XML** format providing portability facilities. We finished to implement graph data structure, several basic algorithms working on graph and input/output classes. Mascopt also provides some graphical tools to display graph results. We are currently writing network packages and performing experiments on Wdm networks.

A network with a path

2. Screenshots

- [A network with a path](#) (./screenshots/screenshot1.png)
- [The viewer manipulation panel](#) (./screenshots/screenshot2.png)
- [A graph with labels displaying values](#) (./screenshots/screenshot3.png)