Design and Implementation of FOONET - a Framework for object-oriented Network Design

Abstract:
This report presents the design and implementation of FooNet, an object-oriented application framework for telecommunication network design. The characteristics of FooNet in contrast to other planning environments are its consequent object-oriented design and the support of reuse techniques on different levels of abstraction. FooNet comes with a library of helpful algorithms used in network design problems. A further important feature of FooNet is its support of XML for data exchange. XML offers a new dimension of communication eliminating incompatibilities between various applications.

Stichworte:
Telecommunication Network Design; Object-oriented Framework; Extensible Markup Language

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