



VIRTUAL PHOTONICS
INCORPORATED

formerly BNeD GmbH and Virtual Photonics Pty Ltd

Alternative Java-Based GUI for Ptolemy 0.7

Ptolemy Miniconference 2/19/99



Motivation & Goals

Motivation

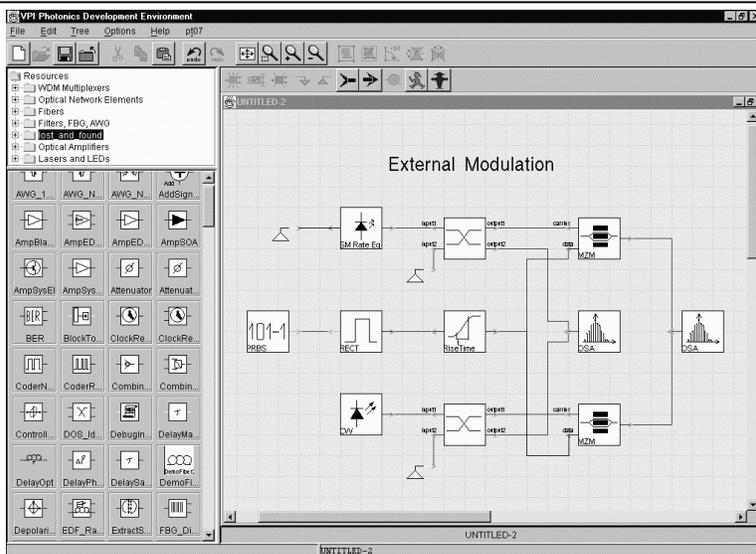
- Customer demand for Windows style GUI
- Vem as user interface not quite state-of-the-art for commercial products
- Extension of Vem towards a development environment hardly possible

Design Goals

- Provide an UI framework
 - Generic and scalable concept
 - Aim at platform independence by using Java
 - Support different technologies by plug-in components
- Implementation done for Ptolemy 0.7 using this framework
 - Preserve backward compatibility to Vem/Oct UI.

Framework and Ptolemy 0.7 editor will be made available as **open source**

Screenshot



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