OVERTURE

1st Overture Workshop

18 July 2005

WEST Nico Plat

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Setting for the day

- Informal
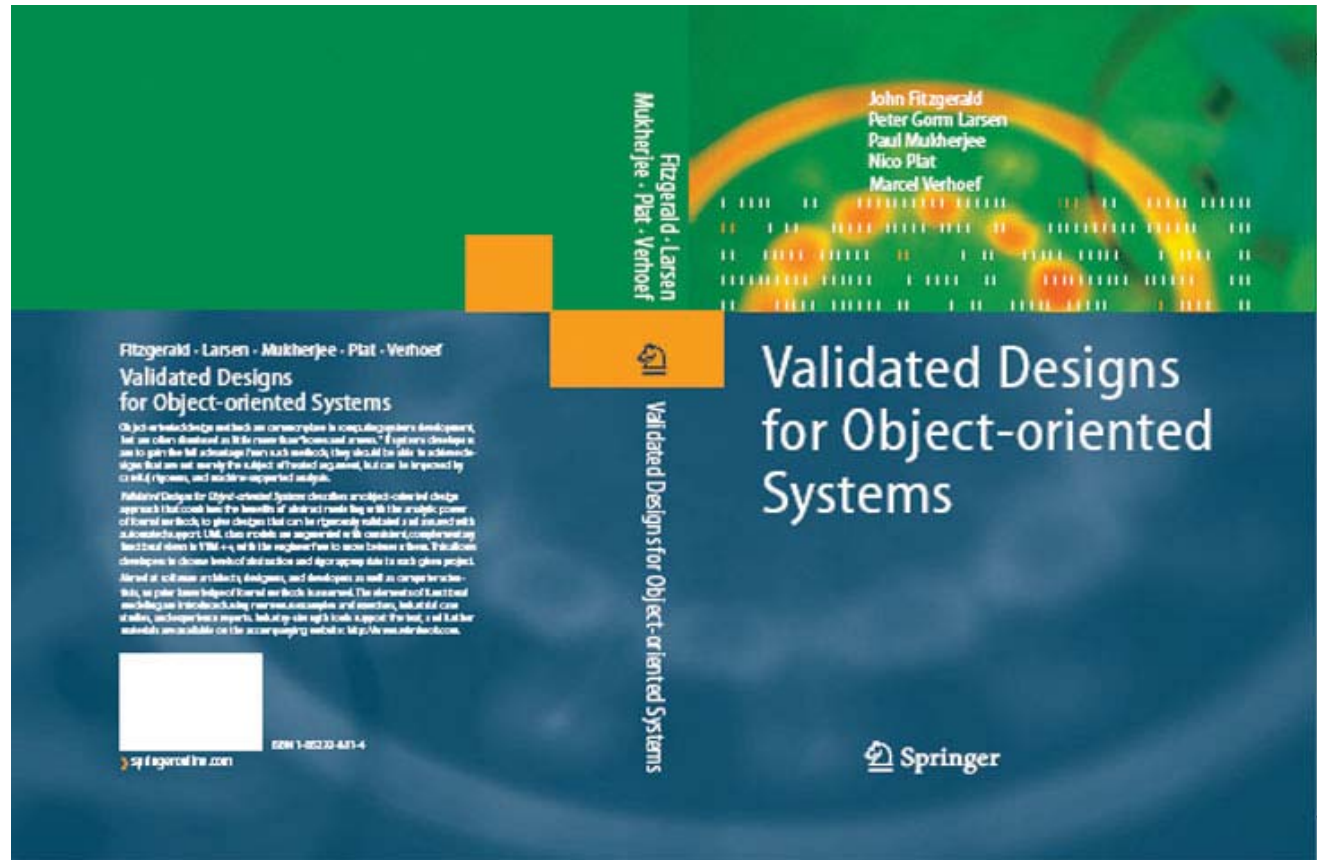- Interactive
- Productive

Where did it all start?

- 1992 – 1994: ESPRIT-III project AFRODITE was the start of VDM++ and an initial toolset
- 1994 – 2004: toolset and VDM++ taken up by IFAD (Denmark)
- Large customer base established: over 1000 users worldwide
- 2004: Start of Overture
- 2004: VDMTools taken over by CSK, Japan

OVERTURE

"The Book"

www.vdmbook.com

Writing a book is fun...

Then disaster hit in...

- IFAD went bankrupt (2004)
- No possibility anymore to include a "light" version of VDMTools with the book
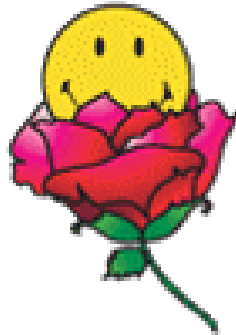- Since the book focuses on tool usage we had a problem.....

The Start of Overture

- Movement towards open source software
- New thinking, new technology in the area of IDEs and user interfaces
- Having more tools that support VDM++ can revitalise its use

Goals

- To provide an industrial strength toolset supporting VDM++
- To make an environment available in which it is possible to experiment with techniques for formal method tool support
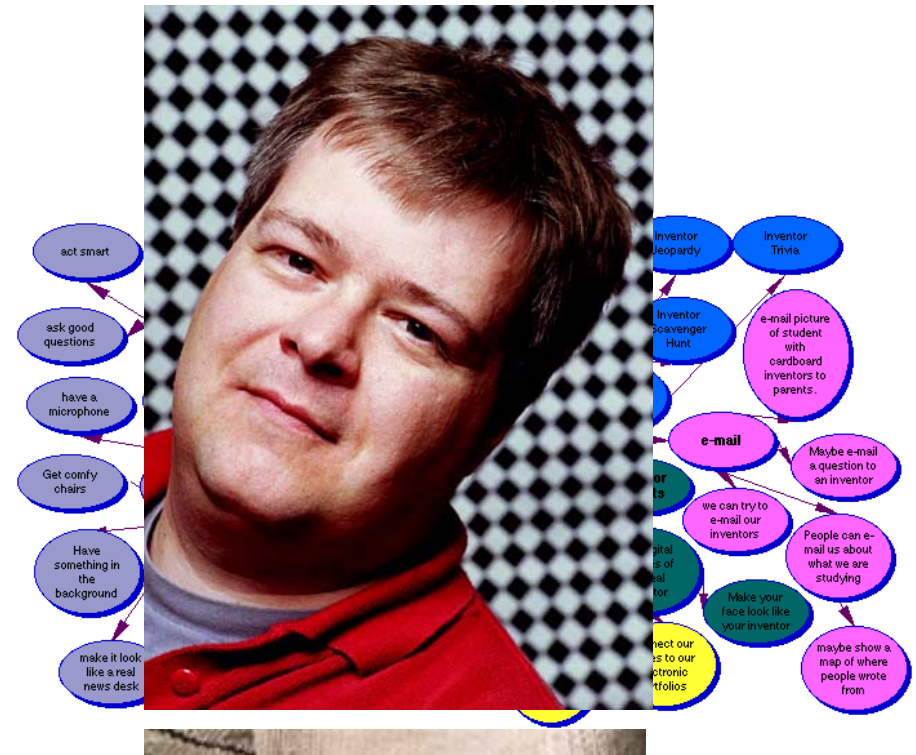- To have fun

Status

- Usage of open source/open standards such as Eclipse and XML technology
- Basic kernel available
- Monthly meetings using MSN
- Short on resources
- Student involvement
- License policy: GPL
- Sourceforge: http://sourceforge.net/projects/overture
- Web site: http://www.overturetool.org

Agenda for the day

- Introduction
- Update on VDMTools™ by 佐原 伸
- Presentations by:
  - Jacob Porsborg Nielsen
  - Joost Visser (twice)
  - Marcel Verhoef
  - Bernhard Aichernig
  - Alexander Petrenko
- Brainstorm session
- Wrap-up
- Joint dinner (AYO£)

Brainstorm

Potential subjects:
- H2 to fund the Overture initiative?
- H2 improve the architecture?
- H2 integrate parallel developments?
- H2 interest others (students, etc.)?
- H2 keep this thing alive?
- H2 establish/maintain the relationship with VDMTools?