

Interactive Virtual Environments

Matchblox

Group 7

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Overview

- Introduction
- Hardware
- Software
- Research
- Evaluation

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Introduction

- Practical assignment
- Research
- Implementation

Introduction

- Practical assignment
- Research
 - Stereo vision
 - Head-tracking
 - Feedback
 - 3 dof
- Implementation

Introduction

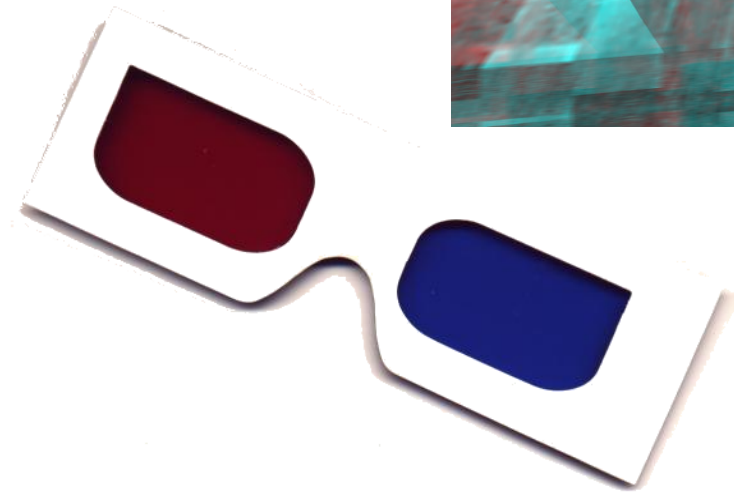
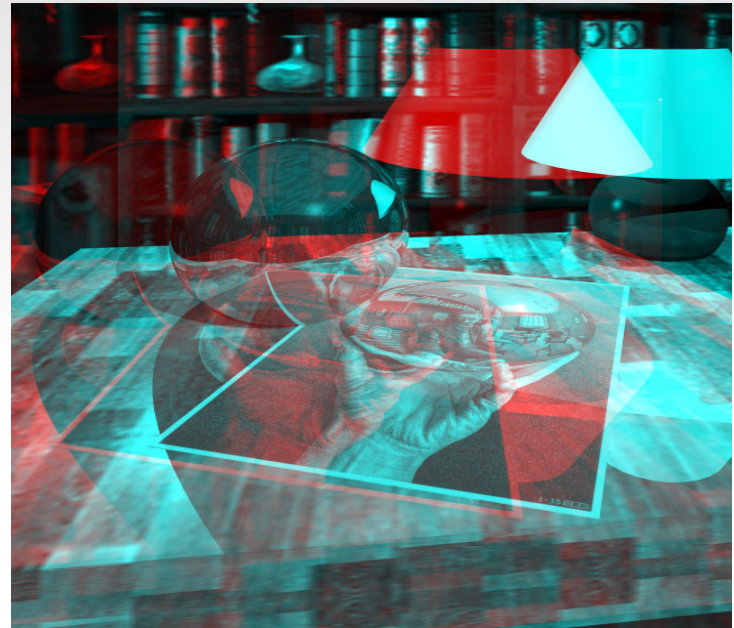
- Practical assignment
- Research
- **Implementation**

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Hardware

- Stereo Glasses
- Wii-mote (x2)
- IR Leds



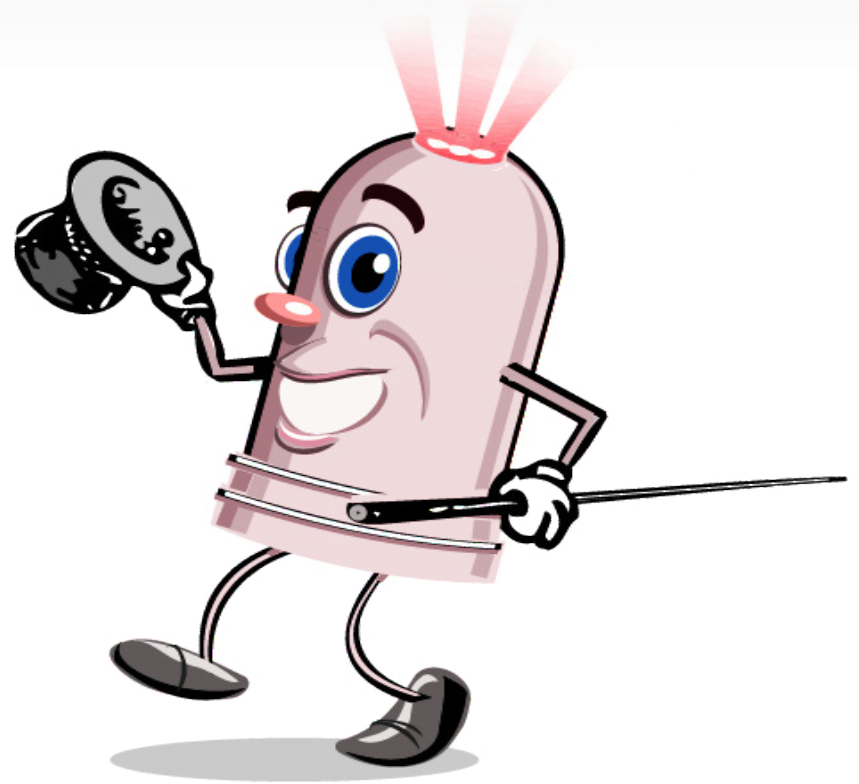
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Software

- Implementation
- Demos
- Final Playfull application

Software

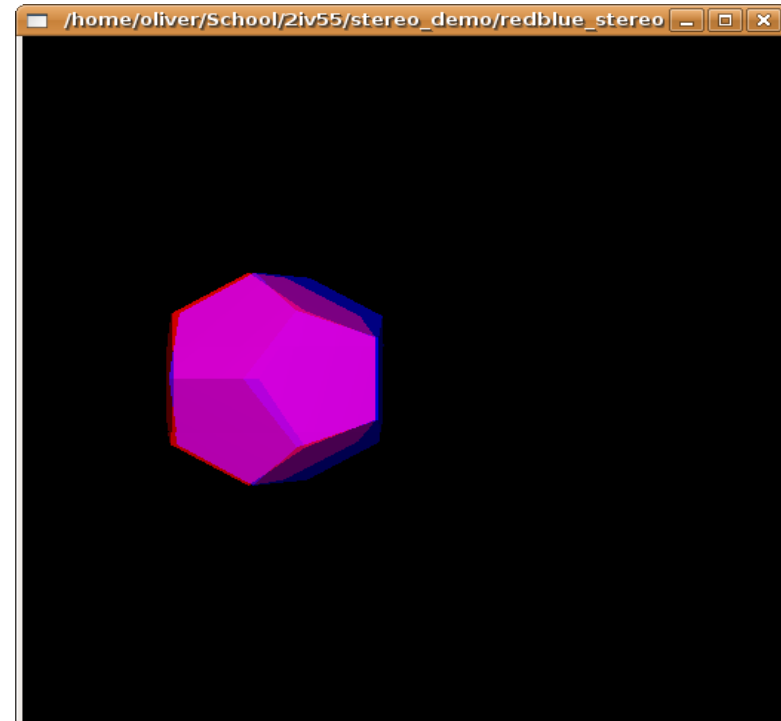
- Implementation
 - C/C++, OpenGL and PostgreSQL
- Demos
- Final Playfull application

Software

- Implementation
- Demos
 - Database access and menu
 - Stereo vision
 - Head-tracking
 - Stereo vision + Head-tracking
- Final Playfull application

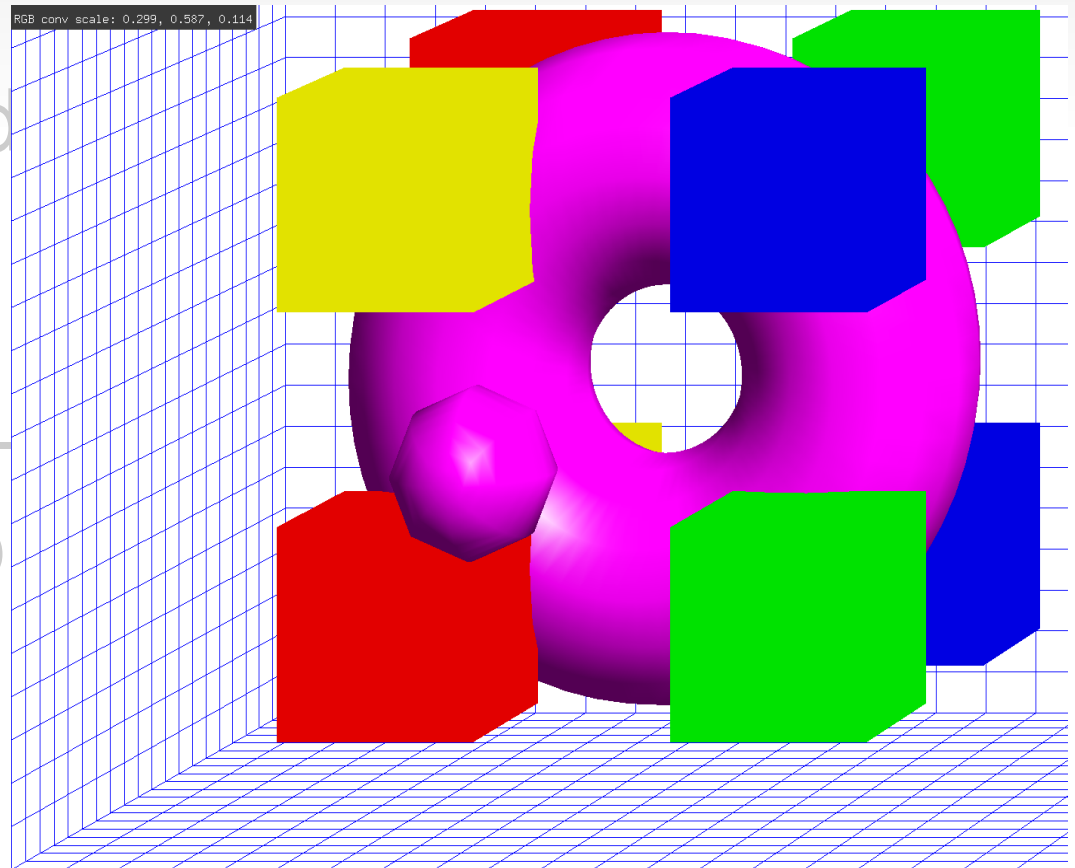
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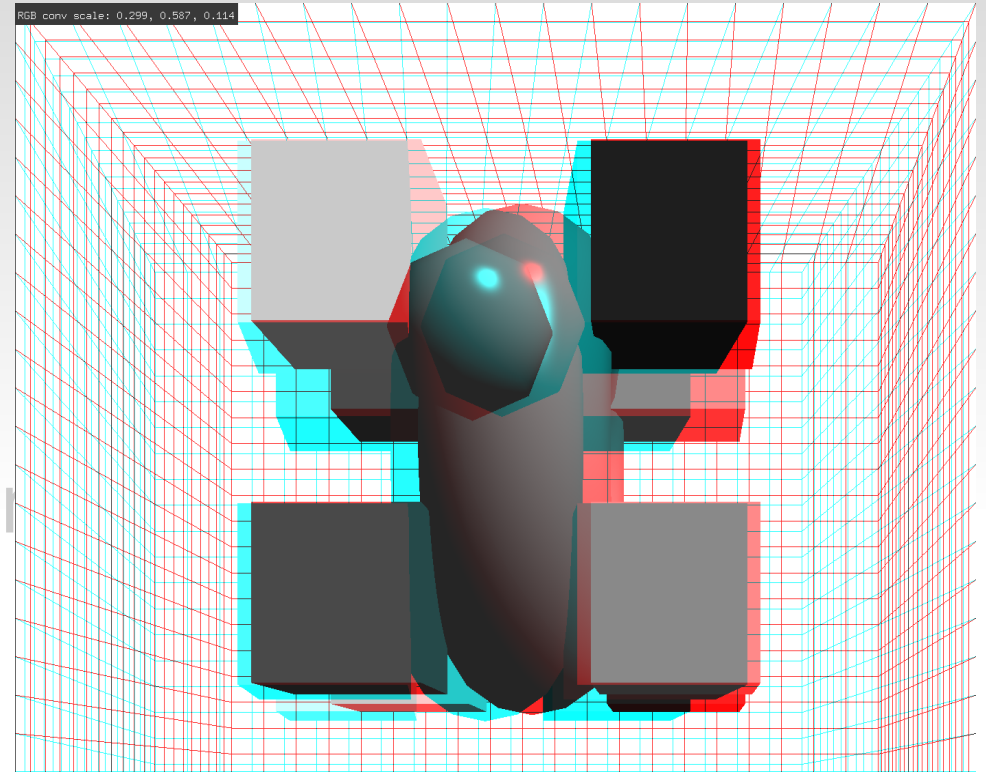
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Research

- Test subject
- Data mining
- Conclusions?

Research

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- **Data mining**
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Research

- Test subject
- Data mining
- **Conclusions?**

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Evaluation

- Fun project
- New methods
- TU/e 'research' feel

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Demonstration!

Questions?