Humla Presentation Environment

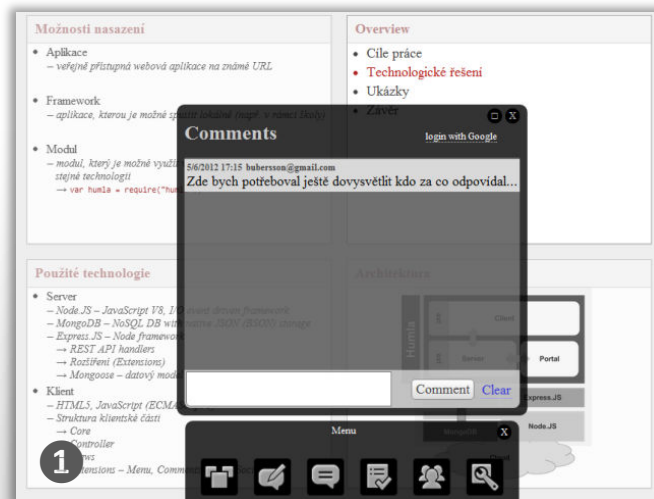Author: Ing. Petr Mikota   Supervisor: Doc. Ing. Tomas Vitvar, Ph.D.

Tool for authoring of HTML5 presentations with capabilities of real-time users' interactions
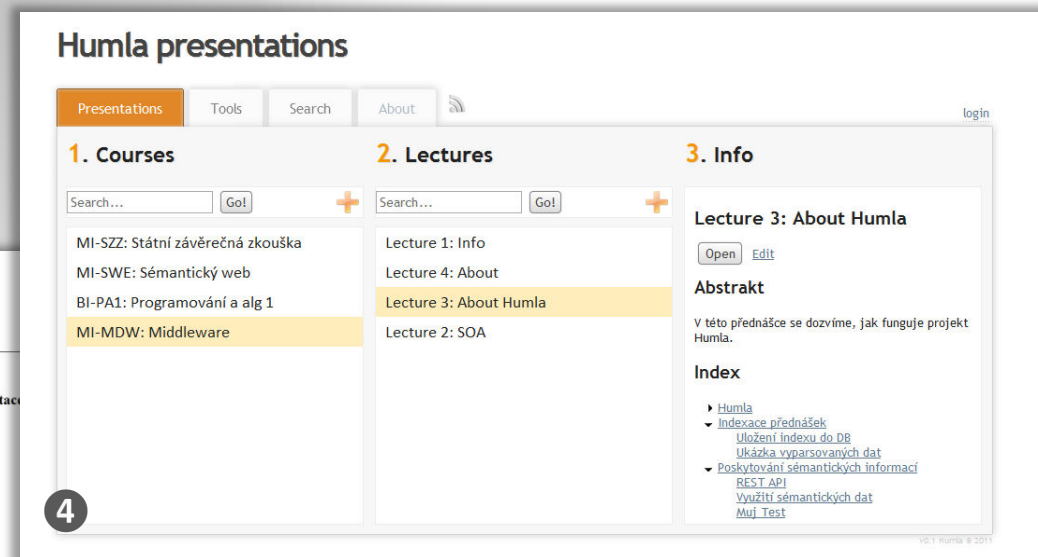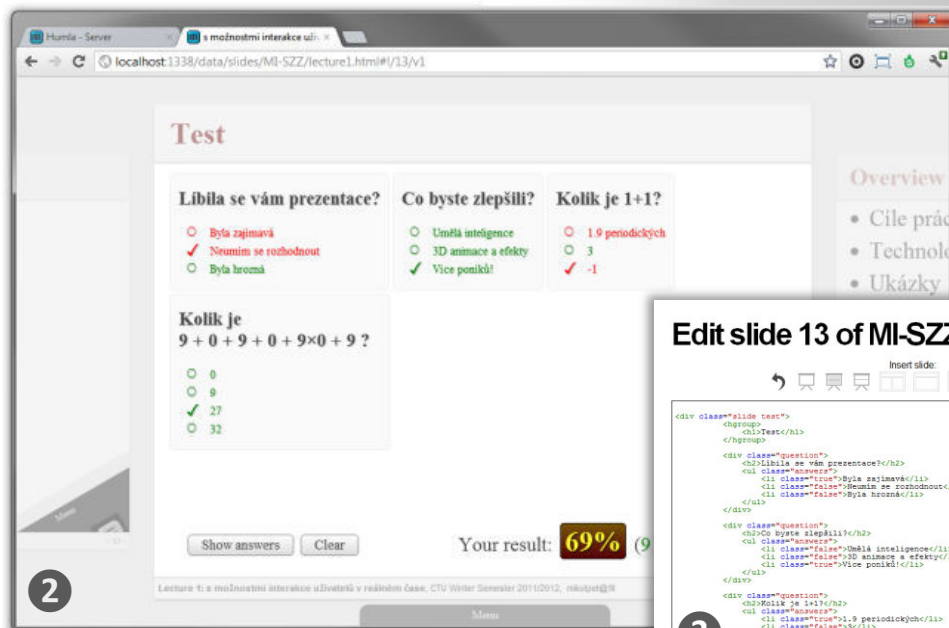
Project Humla

Humla is an open source presentation & lecture hosting environment based on Node.JS server and optional non-relational MongoDB. As a presentation frontend, it uses beautiful HTML5 & JavaScript slides inspired by HTML5Rocks and originally created by doc. Tomas Vitvar, but with many extra features (*Comments, Likes, Tests, Menu Controls, Social Networks Integration...*). Back-end server is capable of complete lecture hosting and management.

Everything happens inside browser window...

Features

- Humla is easy extendable by client and/or server extensions
- Deployable both as a standalone application and module in other Node.JS applications
- Manage (Create, Browse) Presentations ④
- In-slide Tests ②
- Real-time HTML edit of a single slide ③
- Comments under each slide ①
- All communication with server is made through common RESTful endpoints
- All data is accessible to other applications

https://github.com/bubersson/humla