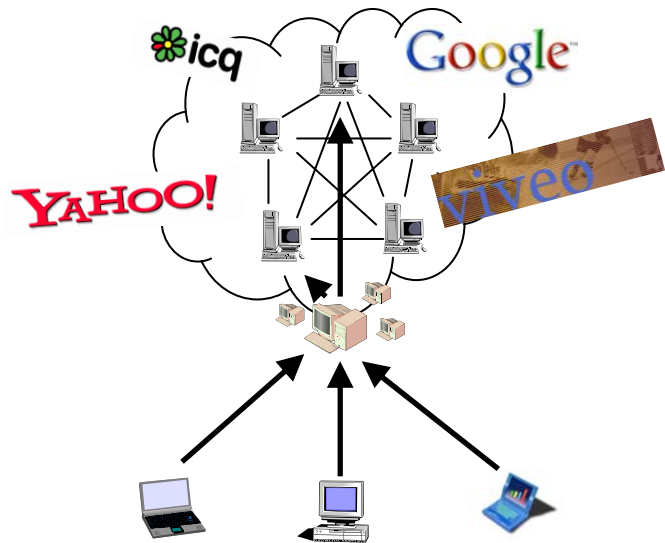


## Lab - “Reliable, Extensible, and Distributed Platform for Internet Applications” (4-6 People)

Can you think of anything more annoying than slow websites? This lab project addresses the reliability and liveness not only of web servers but of internet servers and services in general. Particularly, the project will tackle this issue by implementing one virtual server - in the form of an extensible platform for internet applications - consisting of multiple physical hosts.

The platform you will design, implement, and test in the course of this project will consider not only load balancing (distribution of requests among multiple hosts), persistence (data backup), and extensibility (easy deployment of new network applications), but also web server integration. Additionally, at least one example internet application has to be developed to demonstrate the quality of the chosen solution.



The project will partly build on existing code and know-how gained in previous lab projects. Java network programming experience is a plus.

### Contacts

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