

CENG 492

Progress Report

Team Prime'

Ant Ogun Kefeli

Doğan Poyraz

Yurdakul Göksu Orhun

Onur Cem Sırlı

All:

- Started using SVN (i.e. committed current source files of user interface to SVN)

Ogun:

- In synaptic package manager, nginx comes with default modules, which was not enough for us, to modify it to our needs I prepared a bash script for customized nginx installation
 - Missing packages are downloaded
 - Install configuration is modified
 - Nginx is compiled with predefined modules
- Worked on the .bat files which are the command line scripts to start streams

Onur Cem:

- Worked on configuration file of nginx web server.
 - Determined back end parameters.
 - Worked on nginx fast cgi module configuration.
 - Worked on nginx httpstream module configuration.
- Employed nginx httpstream module as a fair load balancer. Nginx's default load balancer is basically is a round robin implementation.
- Tested user interface implementations via exploratory and unit testing.

Göksu:

- Implemented add stream page on user interface using PHP. This page enables us to enter parameters to create a .bat file, which is used to open streams with given arguments.

- Modified stream list page on user interface which is used to list available streams and edit/remove streams.
- Tested these pages using Apache Web Server.

Next Week:

- Continue work on load balancer.
- Continue work on user interface.