Corporate statistics portal

Application devoted for collecting, analyzing and managing statistic information from the company. Portal works on various statistic information from the corporate network:

- Work presence hours
- Test servers time utilization
- Hardware installed, etc.

Separate service:

- Collecting report from corporate phone station
- Advance reports on different types of calls
- Call time utilization
- Email notifications on the defined events, etc.

Workflow included processing of huge amount of data, so it was decided to run separate ferret server, and a separate server to process logs from all types of events; integration in to Active Directory allowed to create flexible RBAC (Role based access system), cooperation of the different parts of system allowed to create a unique management environment.

Technologies and environment:

Database: PostgreSQL for propotype. PostgreSQL for full production.

Application server: Apache, Mongrel Clusters

Frameworks: Ruby on Rails for backend, AJAX for UI

Search: Ferret server, stand alone (based on Lucene searching engine)

Unit / Functional tests: RoR framework

Integration: Capistrano

IDE: NetBeans / Aptana RadRails / Eclipse

Version control: Subversion

Online Sports Community

Online Sports Community is a free social network which assists semi-professional sports clubs, teams, individual athletes and fans to interact online and share sporting experience.

The network allows users to create custom profiles and use the development functions to keep up to date with sports schedules; coordinate practices, matches and tournaments and find local teams with whom they can compete.

Members also have an opportunity to communicate with their sports peers, develop friendships with other sporty people and promote themselves and their groups via the internet using the message boards, sports forums, blogs, calendar and photo/video sharing functions.

ScienceSoft automated various reports and improvement of user interface for friendlier user experience. New features such as integration with Plaxo (online address book), forum improvement are developed by ScienceSoft to enhance user experience.

Technologies and environment:

Database: MySQL for propotype. PostgreSQL for full production.

Application server: Apache, Mongrel Clusters

Frameworks: Ruby on Rails for backend, AJAX , Prototype/JQuery for UI

Search: Ferret server, stand alone (based on Lucene searching engine)

Unit / Functional tests: RoR framework

Integration: Capistrano

IDE: NetBeans / Aptana RadRails / Eclipse

Version control: Subversion

ScienceSoft
Professional Software Development

Online social network

The Community provides a web based platform to track and share info of its members and analyze it from different perspectives. A member of the community can set/change his/her info at any time using a firefox addon, facebook platform or community website. Web site consists of a few integrated modules and can provide, alongside with social network functionality, wide range of services.

Standards: Web 2.0, ActiveRecource, REST, Migrations, AJAX

Performed tasks: requirements clarification, design, development, development testing and integration. Bugfixing, and adding new features.

Technologies and environment:

Database: MySQL for propotype. MySQL for full production.

Application server: Apache, Mongrel Clusters

Frameworks: Ruby on Rails for backend, AJAX , Prototype, jQuery, ThickBox(JS library) for UI

Search: Ferret server, stand alone (based on Lucene searching engine)

Unit / Functional tests : RoR framework

Integration: Capistrano

IDE: NetBeans / Aptana RadRails / Eclipse

Version control: Subversion

Integrated technologies:

·   Google.maps positioning

·   Yahoo.weather forecasts

·   Facebook application

·   Addons for Firefox browser

         Active Directory