▾ QtWebApp
  ▸ Classes
  ▸ Files

QtWebApp Documentation

Author

Stefan Frings QtWebApp supports you in writing server-side web application in C++ based on the Qt framework. It is a light-weight implementation inspired by Java Servlets.

Features:

- **stefanfrings::HttpListener** is a HTTP 1.1 web server with support for
  - HTTPS
  - IP v4 and IP v6
  - persistent connections
  - pipelining
  - file uploads
  - cookies
  - dynamic thread pool
  - optional file cache in **stefanfrings::StaticFileController**
  - optional sessions via **stefanfrings::HttpSessionStore**
- The **stefanfrings::Template** engine supports
  - multi languages via **stefanfrings::TemplateLoader**
  - optional file cache via **stefanfrings::TemplateCache**
  - for all text based file formats
- The **stefanfrings::Logger** classes provide
  - automatic backups and file rotation
  - configurable message format, see **stefanfrings::LogMessage**
  - messages may contain thread-local info variables
  - optional buffer to improve performance and reduce disk usage
  - apply configuration changes without restart

If you write a real application based on this source, take a look into the Demo applications. They set up a single listener on port 8080, however multiple listeners with individual configurations are also possible.

To set up a HA system, I recommend the use of an an Apache HTTP server with proxy balancer and sticky sessions.

QtWebApp is published under the license LGPL v3.
Author: Stefan Frings
http://stefanfrings.de/qtwebapp