

XQuerRail Framework Getting Started Guide

Created by: Gary Vidal
Created: 5/7/2012 6:36:00 AM
Last Modified: 5/8/2012 8:03:00 AM

Table of Contents:

- I. Installation Instructions
- II. Configuration Setup
- III. Setting up a new Application
- IV. Configuring and changing your routes
 - a. Setting up resource routes
 - b. Setting up controller routes and parameters
- V. Configuring and changing interception configuration
 - a. Configuring ml-security interceptor
 - b. Configuring profiling interceptor
 - c. Configuring logging interceptor
- VI. Managing and editing your application domain file.
 - a. Domain settings
 - b. Configuring namespaces
 - c. Creating Models
 - d. Creating Controllers
- VII. Creating and managing unmanaged controllers
- VIII. Using base models and extending base models
- IX. Creating Views and Templates
 - a. XQuerrail View Architecture
 - b. Using the XQuerRail templating language
 - c. Creating and Managing Tag Libraries
 - d. Creating and managing application resources
 - i. controller-scripts
 - ii. controller-stylesheets
 - iii. controller-images
 - e. Using helpers
 - i. formbuilder-helper.xqy
 - ii. javascript-helper.xqy
 - iii. jquery-helper.xqy
 - iv. kendo-helper.xqy

Appendix

- A. Request/Response Pipeline
- B. Framework directory structure
- C. Framework files and resources
- D. Application files directory structure

Installation instructions

- Checkout source code from <http://www.github.com/garyvidal/xquerrail>
- Create application database named for your application and database settings.
- Ensure anonymous user and anonymous-role have been defined. These are used to access login splash screen, so ensure permissions are set accordingly.
- Create an http application server
 - Set the root directory to /path-to-your-framework-src-file. (Ex “/code/xquerrail/src/”)
 - Use FileSystem not modules database.
 - Use application-level security
 - Set user to anonymous (anonymous user requires certain permissions to be set. Please
 - Set URL Rewriter to /_framework/rewriter.xqy
- Access your application from HTTP url. Should see login splash screen.
- Login using your elevated credentials(not anonymous).

Setting up your new application:

There are a few important things to setup if creating a new application from scratch. First you must configure your application in `/_config/config.xml`. Take the following steps to ensure proper setup:

1. Make sure you configure your application settings. The following template is setup in your `config.xml` file. You can modify these settings to change these to reflect your applications settings. Each application must be registered in order for system to route information accordingly.

```
<application name="application" namespace="http://www.xquerrail-  
framework.com/demo" uri="/application">  
  <domain resource="/application/domains/application-domain.xml" />  
</application>
```

2. Modify your `application-domain.xml` file in **`${application-name}/domain/application-domain.xml`** to add new models and controllers or drop in controller files into **`/${application-name}/controller/`** directory.

- a. The controller filename should be in form

`${controller-name}-controller.xqy`.

ex. `country-controller.xqy`

`person-controller.xqy`

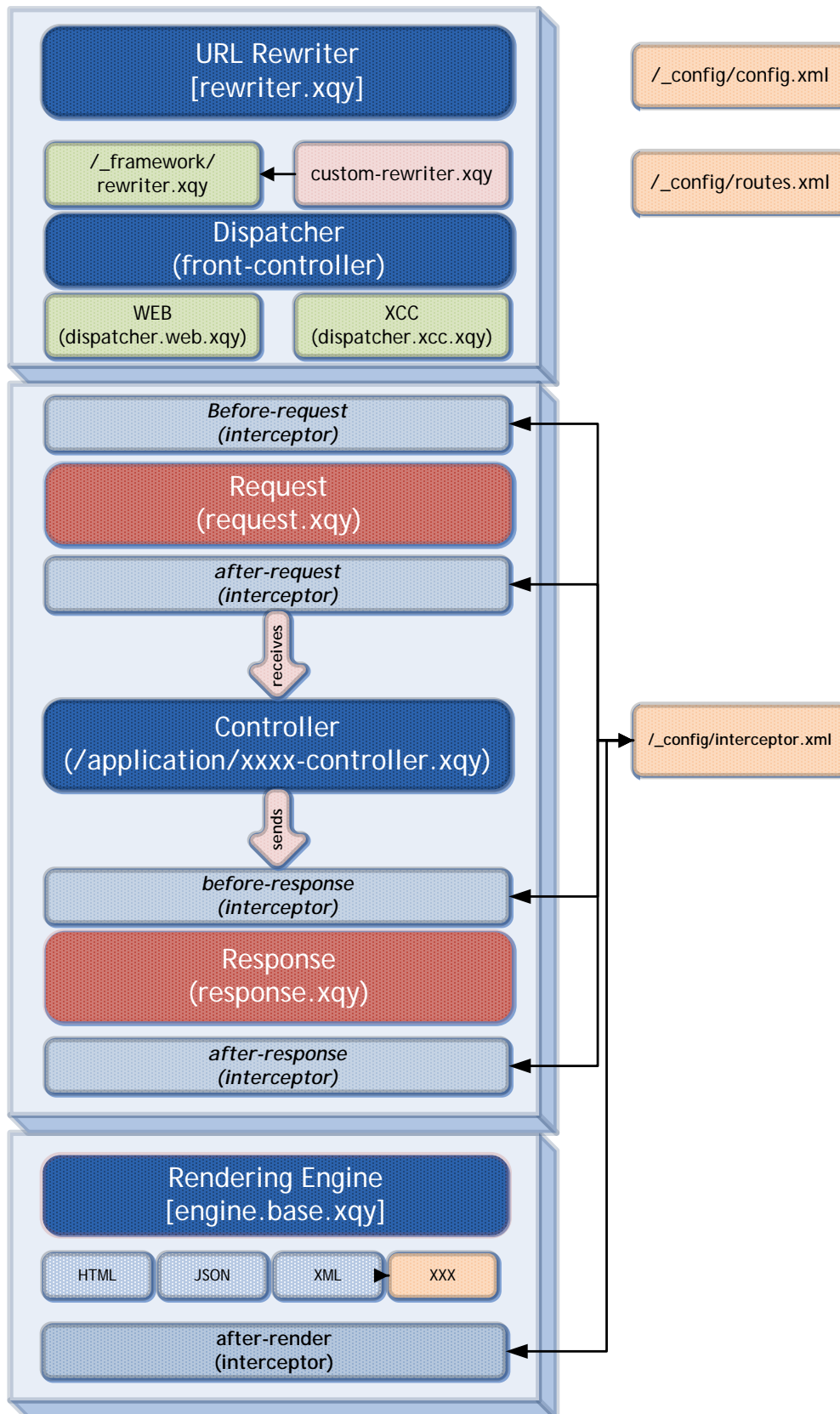
- b. Your module library namespace should be in form:

`${application-namespace}/controller/${controller-name}`

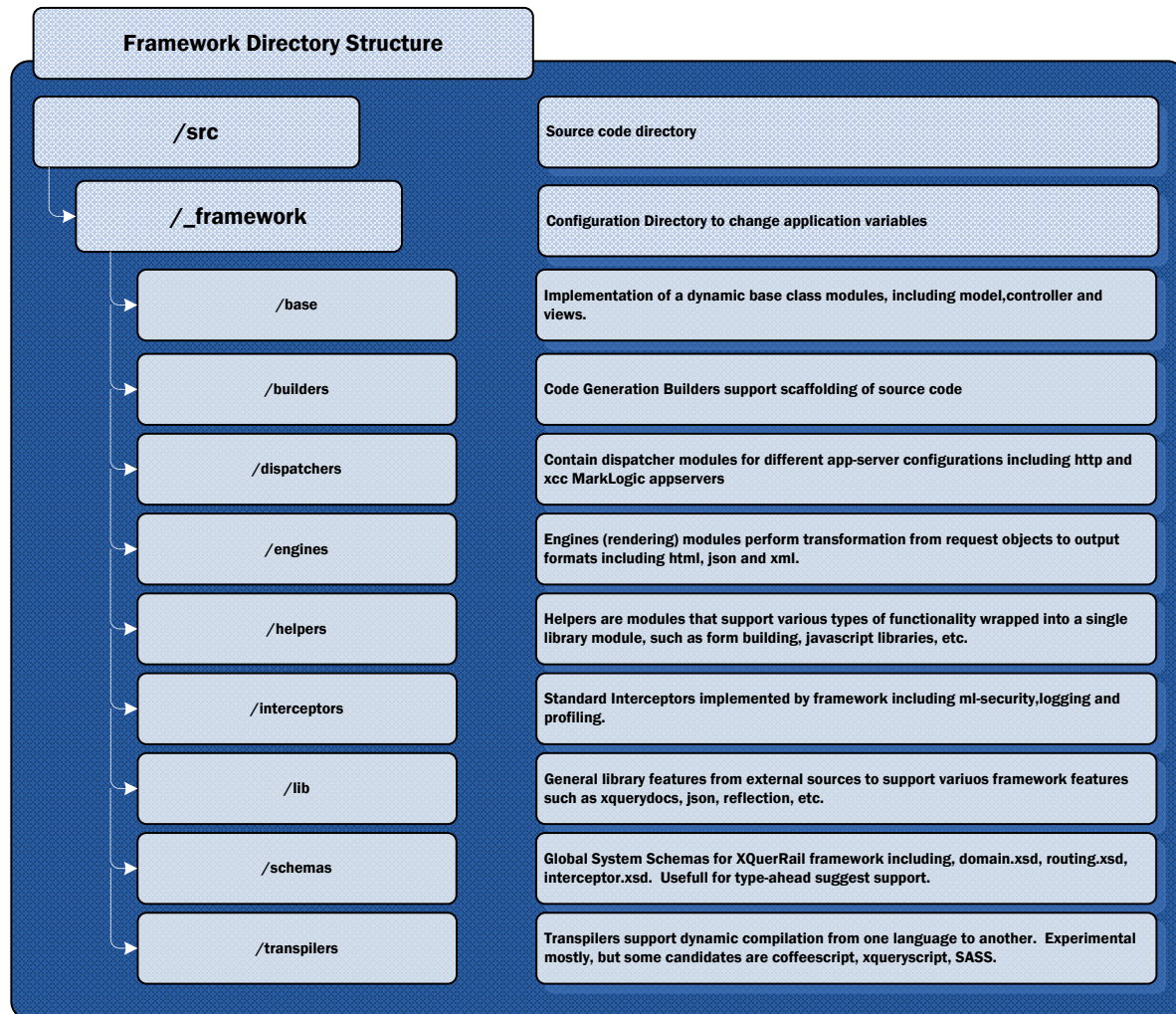
ex. "<http://my-app-namespace/controller/country>"

`http://my-app-namespace/controller/person`

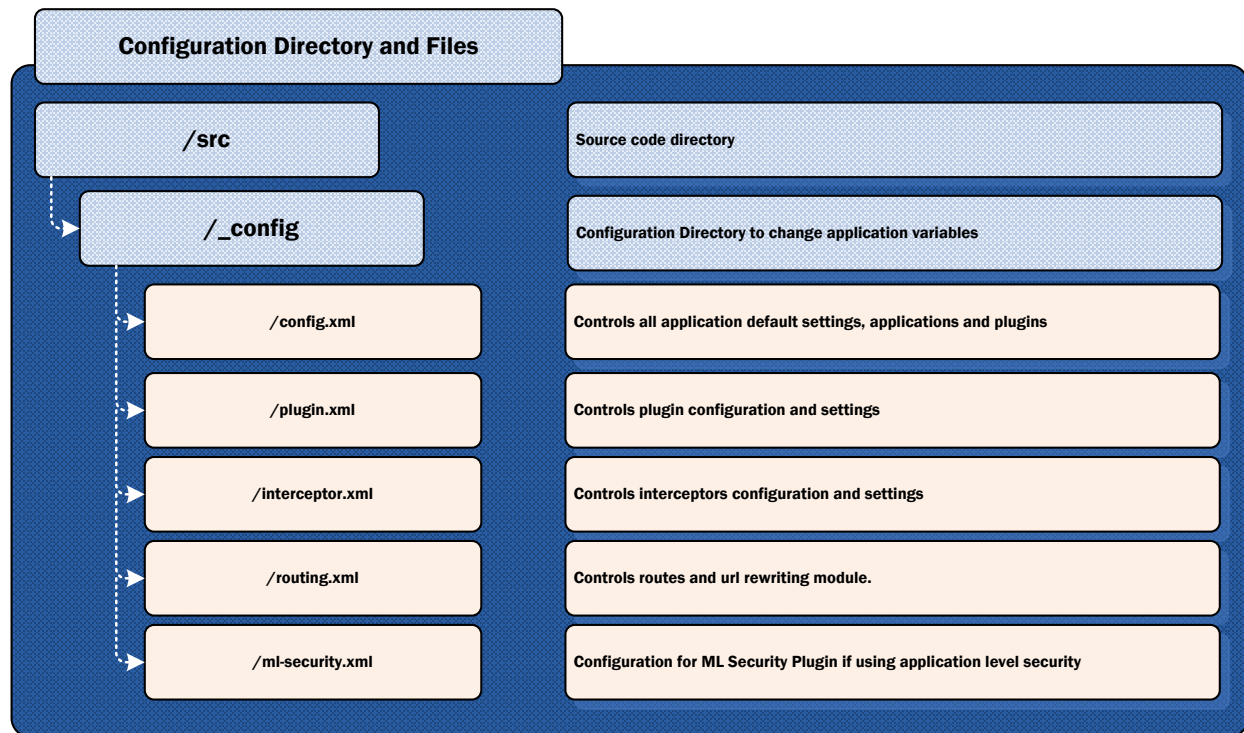
Understanding the Request/Response pipeline



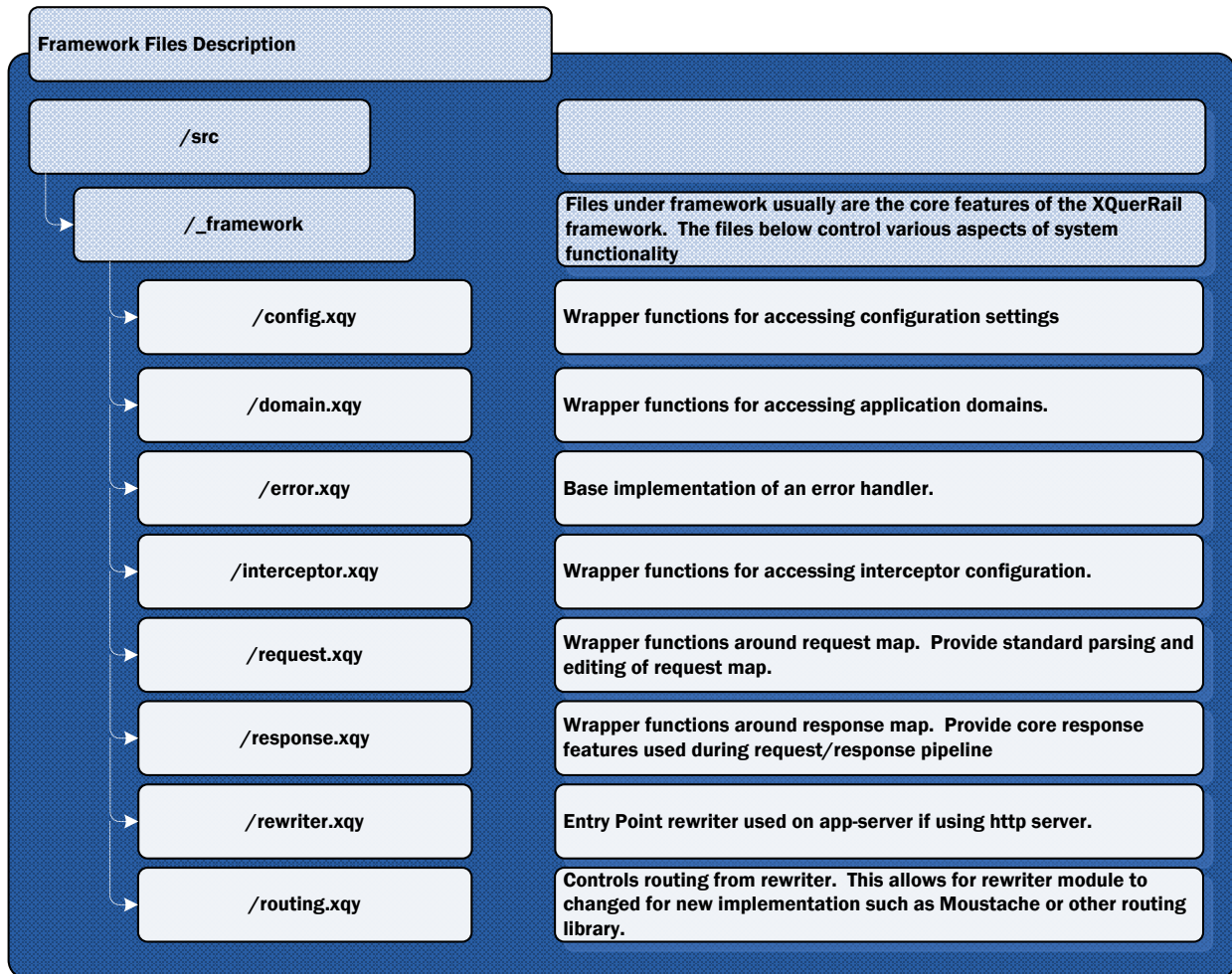
Framework Directory Structure



Configuration Directory Structure



Framework Files Description



Application Directory Structure

