Index

A

* access control and filters

o references / See also

* access control filters

° reference / See also

* ActiveQuery class

° customizing / Customizing the ActiveQuery class, How to do it.... How it works.,,

° references / See also

* Active Record

o reference / See also

* Active Record (AR)

° about / Processing model fields with AR event-like methods

* advanced application template

o modifying / Changing an advanced application template. How to do it.. How it works.

* advanced project template

° installing / Installing advanced project template

* Advanced template

o URL / How it works.

* AJAX-dependent drop-down list

° about / AJAX-dependent drop-down list. Getting ready. How to do it.

° working / How it works.

* AJAX validation

° about / AJAX validation. How to do it.

° working / How it works.

* application configurations

° reference / See also

* application directory structures

° uses. reference / See also

* application structures

° reference / See also

* application templates / Application templates. How it works.
* application webroot

o moving / Moving an application webroot. How it works.  
o files. placing / Placing files in the root  
° files, placing in subdirectory / Placing files in a subdirectory

* AR event-like methods

o model fields. processing with / Processing model fields with AR event-like methods. How to  
do it.. How it works.

* assets

° combining / Combining and minimizing assets. How to do it.. How it works.

° minimizing / Combining and minimizing assets, How to do it., How it works.  
o reference / See also

* Atoum

o used, for unit testing / Unit testing with Atoum. How it works.

° extension structure, preparing / Preparing the extension structure  
° extension code, writing / Writing the extension code  
° extension tests, writing / Writing the extension tests  
o tests, executing / Running tests  
o code coverage, analyzing / Analyzing code coverage  
° references / See also

* authentication

o about / Authentication  
° implementing / Getting ready, How it works.

° reference / See also

* authentication, REST web services

o references / See also

* authentication client

° about / Authentication client  
o using / Getting ready, How to do it.

° working / How it works.

° references / How it works.

* author

o setting up, automatically / Setting up an author automatically, How to do it., How it  
works.

B

* base controller

° using / Using a base controller, How to do it., There’s more.  
o example / There’s more.

° reference link / There’s more.

* basic project template

° installing / Installing a basic project template

* Behat

° about / Unit testing with Behat, How it works.

° used for creating shopping cart extension / How to do it.

° references / See also

* Behavior Driven Design (BDD)

° about / How it works.

* behaviors

o reference / See also

* BlameableBehavior,

° reference / See also

* blocks

° using / Using blocks, How to do it.... How it works...

° reference link / How it works.

* bootstrap alert

o reference link / See also

* Bower-to-Composer adapter

° about / Installing a basic project template

* build-in cache

o reference / See also

* built-in components / Built-in components
* built-in helpers

° examples, reference / See also

C

* cache chains

o using / Using cache dependencies and chains. Getting ready. How to do it.. How it  
works.

* cache dependencies

° using / Using cache dependencies and chains. Getting ready. How to do it.. How it  
works.

* caching

o reference / See also. See also

* caching overview

° reference / See also

* Captcha

o customizing / Customizing Captcha. How to do it.  
o references / See also

* Captcha widget

° adding / Adding and customizing CaptchaWidget. Getting ready. How to do it.. How it  
works.

° customizing / Adding and customizing CaptchaWidget. Getting ready. How to do it.. How it  
works.

* CLI commands

o creating / Creating CLI commands. How to do it.

° working / How it works.

* Closure Compiler

° reference / See also

* Codeception

° used. for testing Yii2 application / Testing application with Codeception. Getting ready. How  
it works.

o about / Testing application with Codeception  
° references / See also

* code generation / Code generation. How to do it.. How it works.
* command-line mode / Installing advanced project template
* compiler.jar file

° URL, for downloading / Getting ready

* complex forms

o multiple models, using for / Complex forms with multiple models, Getting ready, How to do  
it.... How it works.,,

* components

° creating / Creating components, How to do it., Overriding existing application components  
o existing application components, overriding / Overriding existing application components  
o working / How it works.

° reference / See also

* Composer

o library, installing via / Installing a library via Composer

* composer

° reference / Getting ready

* Composer package

o about / Installing the framework  
° references / Getting ready

* conditional validation

o about / Conditional validation, How to do it., How it works.

° reference / See also

* configuration parts

° moving, into separate files / Moving configuration parts into separate files. How to do it..  
How it works.

* console components

° reference link / See also

* context information

o using / Logging and using the context, information, How to do it.. How it works.

° logging / Logging and using the context information, How to do it., How it works.

° reference link / See also

* controller context

o used, in view / Using the controller context in a view. How it works.

* controller filters

° using / Using controller filters, Getting ready, How to do it., How it works.

* controllers

o reference link / How it works.  
o reference / See also, See also

* controllers map

o reference / See also

* Cron daemon

° reference / See also

* cron jobs

o executing / Implementing and executing cron jobs. How it works.

° implementing / Implementing and executing cron jobs, How it works.

° Hello command, running / Running the Hello command  
° custom command, creating / Creating your own command  
° cron schedule, setting / Setting the cron schedule

* cross-database relations

° about / Cross-database relations

* CSRF

° about / Preventing CSRF

o preventing / Preventing CSRF, How to do it.... How it works.,,

° disabling, for all actions / There’s more.

° disabling, for specification / There’s more.

° validation, for Ajax-calls / CSRF validation for Ajax-calls  
o extra measures / Additionally Trenamel

° GET operations, using appropriately / Using GET and POST properly  
° POST operations, using appropriately / Using GET and POST properly  
° references / See also

* currency rates

° URL / Creating components

* custom client-side validation

o creating / Creating a custom client-side validation, How to do it., How it works.

° references / See also

* custom errors

° displaying / Displaying custom errors, Getting ready, How to do it., How it works.

* custom input widget

° creating / Creating a custom input widget, How to do it., How it works.

* custom view renderer

° creating / Creating a custom view renderer, How to do it.  
o working / How it works.

D

* data

° pagination / Pagination and sorting data, How to do it., How it works.

° sorting / Pagination and sorting data, How to do it., How it works.  
o obtaining, from database / Getting data from a database, How to do it., How it works.

* database

° data, obtaining from / Getting data from a database, How to do it., How it works.

* databases, in Yii

° references / There’s more.

* data decryption

° about / Encrypting/Decrypting data, How to do it., How it works.

* data encryption

° about / Encrypting/Decrypting data, Getting ready, How to do it., How it works.

* decorators

° using / Using decorators, How it works.

° URL / How it works.,,

* dependency injection container / Dependency injection container, How to do it., How it works.
* Dependency Inversion Principle (DIP)

o about / Dependency injection container  
° references / See also

* deployer

° reference / See also

* deployment

o simplifying, with multiple configurations / Using multiple configurations to simplify the  
deployment. Getting ready, How to do it.. How it works.

* deployment tools

o about / Deployment tools

° remote host, preparing / Step 1 - Preparing the remote host  
° localhost, preparing / Step 2 - Preparing the localhost  
° remote configuration, adding / Step 3 - Adding remote configuration  
o deploy command, running / Step 4 - Trying to deploy  
° working / How it works.

E

* ElasticSearch engine adapter

o about / ElasticSearch engine adapter  
° using / ElasticSearch engine adapter, How to do it.

° query class, using / Using the Query class  
° ActiveRecord, using / Using ActiveRecord

o ElasticSearch DebugPanel, using / Using the ElasticSearch DebugPanel  
o references / See also

* entity tag

° about / Entity Tag

* error handling

° about / Error handling. How it works.

° reference / See also  
° reference link / See also

* error handling, in Yii

° reference link / See also

* event handling / Handling events
* events

° reference / See also

* external code

° using / Using external code

o Composer, installing via library / Installing a library via Composer  
° manual library, installing / Installing libraries manually

° Yii2 framework code, used / Using Yii2 code in other frameworks, How it works.

° reference link / See also

F

* faker fixture data generator

° about / Faker fixture data generator  
o using / How to do it...

o custom data types, working with / Working with your own data types  
° references / See also

* files

° uploading / Uploading files, How to do it., How it works., There’s more.

* file upload

° references / See also

* filter

° creating / Creating a custom filter, How to do it., How it works., See also, Creating  
filters, How to do it.

° about / Creating filters  
o working / How it works.  
o reference / See also

* flash messages

° using / Using flash messages. How to do it., The removeFlash() method  
o getAllFlashes() method / The getAIIFlashesO method  
° removeAllFlashes() method / The removeAllFlashes() method  
° removeFlash() method / The removeFlash() method

* fzaninotto/faker

o about / Faker fixture data generator

G

* Geckodriver

° URL, for downloading / Running acceptance tests

* getRateLimit() method / How it works.
* Gii code generator

° about / Gii code generator  
° using / Getting ready  
o GUI, working with / Working with GUI  
° CLI, working with / Working with CLI, How it works.

° references / See also

* Gii module

o reference link / How it works.

* GridView widget

° about / How to do it.

H

* helpers

o creating / Creating helpers. How to do it.

° working / How it works...

° reference / See also

* HHVM

o Yii2, running on / Running Yii2 on HHVM, How to do it., How it works.

* HHVM installation

° references / How to do it., See also

* HHVM usage

o reference / See also

* HipHop bytecode (HHBC)

about / Running Yii2 on HHVM

* HipHop Virtual Machine (HHVM)

about / Running Yii2 on HHVM

* HTTP caching

° leveraging / Leveraging HTTP caching, Getting ready, How to do it.

° last-modified / Last-Modified  
o entity tag / Entity Tag  
° reference / See also

* HTTP caching in Yii2

o reference / See also

I

* Imagine library

° about / Imagine library  
° using, as factory / Using it as a factory  
o inner methods, using / Using inner methods  
o references / See also

J

* Java Runtime Environment

° URL, for installation / Running acceptance tests

* Java Runtime Environment (JRE)

° about / Getting ready  
° URL, for downloading / Getting ready

L

* last-modified

° about / Last-Modified

* layouts

URL / See also

* library

° Composer, installing via / Installing a library via Composer

* loadAllowance() method / How it works.
* log filters

° reference link / See also

* logging

° reference link / See also

* log routes

° using / Using different log routes, How to do it.... How it works.... See also  
° YiiTopicnTopicntrace, versus Yii / Yii::trace versus Yii::getLoggerO->log  
° YiiTopicnTopicngetLogger()->log, versus Yii / Yii::trace versus Yii::getLogger()->log  
o YiiTopicnTopicnbeginProfile / Yii::beginProfile and Yii::endProfile  
° YiiTopicnTopicnendProfile / Yii::beginProfile and Yii::endProfile  
o messages / Log messages immediately

M

* maintenance mode

o displaying / Maintenance mode. How to do it.. How it works.  
o production ready solution check, URL / See also

* manual library

o installing / Installing libraries manually

* Markdown syntax

° reference / See also

* master-slave replication

o reference / Getting ready

* model behaviors

° creating / Creating model behaviors. Getting ready. How to do it.

° working / How it works.

* model fields

o processing. with AR event-like methods / Processing model fields with AR event-like  
methods. How to do it.. How it works.

* modules

o creating / Creating modules. How to do it.

° working / How it works.

° reference / See also

* MongoDB driver

o about / MongoDB driver

o working with / Getting ready. How to do it.. How it works.

° basic usage / Basic usage  
° references / See also

* Mozilla Firefox

° URL. for installation / Running acceptance tests

* multilanguage application

o creating / Creating a multilanguage application. How to do it.

° working / How it works.

* multiple configurations

° used. for simplifying deployment / Using multiple configurations to simplify the deployment.

Getting ready. How to do it.... How it works.

* multiple DB connections

° defining / Defining and using multiple DB connections, How to do it., How it works.  
o using / Defining and using multiple DB connections. How to do it.. How it works.

° reference / See also

* multiple files

° uploading / There’s more.

* multiple layouts

° defining / Defining multiple layouts. How to do it.. How it works.

* multiple models

° using. for complex forms / Complex forms with multiple models. Getting ready. How to do  
it.. How it works.

° reference / See also

O

* OpenServer application

o URL. for downloading / Getting ready

P

* package

° URL. for installation / Getting ready

* packagist

URL / How to do it.

* pagination

° reference link / See also

* passwords

o working with / There’s more.  
o reference / See also

* performance profiling

° reference / See also

* performance tuning

° reference / See also. See also. See also

* PHP coding standards

° reference / See also

* PHP framework

° installating / Installing the framework. Getting ready. How it works.

° basic project template, installing / Installing a basic project template  
o advanced project template. installing / Installing advanced project template

* PHP include

° reference / See also

* PHP require

o reference / See also

* PHP standards recommendations

° URL / How to do it..,

* PHPUnit

° used, for unit testing / Unit testing with PHPUnit, How it works.  
o extension structure, preparing / Preparing extension structure  
° extension code, writing / Writing extension code  
° extension tests, writing / Writing extension tests  
° tests, executing / Running tests  
o code coverage, analyzing / Analyzing code coverage  
° component, usage / Usage of component

* PHPUnit usage

° URL / See also

* Pjax jQuery plugin

° about / Pjax jQuery plugin  
° using / Getting ready, How to do it.

° custom ID, specifying / Specifying a custom ID  
o ActiveForm, using / Using ActiveForm

° client-side script, working with / Working with the client-side script, How it works.

° references / See also

R

* rate limiting

° about / Rate limiting

° implementing / Getting ready, How to do it., How it works.

° references / See also

* read-write splitting

o about / Getting ready, How to do it.

° references / See also

* Redis database driver

o about / Redis database driver  
° using / Getting ready  
° direct usage / Direct usage  
° ActiveRecord, using / Using ActiveRecord  
o working / How it works.

° references / See also

* regular expressions

° used, in URL rules / Getting ready, How to do it., How it works., There’s more.

* rendering view

° reference link / There’s more.

* renderRecords method

o syntax / How it works.

° performance / How it works.

° extra features / How it works.

° best for / How it works.

* replication

° about / Getting ready, How to do it...

° references / See also

* RESTful web services

° REST server, creating / Creating a REST server  
° authentication / Getting ready, How to do it., How it works.

° rate limiting / Rate limiting, How to do it., How it works.  
o versioning / Versioning. How to do it., How it works.

° error handling / Error handling, How it works.

* REST server

° creating / Creating a REST server, Getting ready. How to do it.. How it works.  
o content negotiation / Content negotiation  
° Rest URL rule, customizing / Customizing the Rest URL rule  
° references / See also

* reusable controller

o external controller actions, creating / How it works.

* reusable controller actions

° creating / Creating reusable controller actions

o delete action, creating / Creating reusable controller actions. Getting ready. How to do it.

* reusable controllers

° creating / Creating reusable controllers. How to do it.

° working / How it works.

* Role-Based Access Control (RBAC)

° about / Using RBAC

° using / Using RBAC, How to do it.. How it works.

° hierarchy, keeping simple and efficient / Keeping hierarchy simple and efficient  
o RBAC nodes, naming / Naming RBAC nodes  
o references / See also

* routing

° reference link / How it works.

S

* Sakila database

° URL, for downloading / Getting ready. Getting ready. Getting ready

* saveAllowance() method / How it works.
* scope

° about / There’s more.

* security

° about / Introduction

* Selenium Standalone Server

° URL, for downloading / Running acceptance tests

* semantic versioning

° reference / See also

* Semantic Versioning rules

° URL / How to do it..,

* service locator

o about / Service locator, How to do it., How it works.

° reference link / See also

* session handling

° speeding, up / Speeding up session handling, How to do it.  
o speeding up / How it works.

* shopping cart extension

° creating, Behat used / How to do it.

° structure, preparing / Preparing extension structure  
o code, writing / Writing extension code  
° tests, writing / Writing extension tests  
° tests, executing / Running tests

* single table inheritance

o about / Implementing single table inheritance

° implementing / Implementing single table inheritance. How to do it., How it works.

° references / See also

* slug

° about / Setting up a slug automatically

° setting up, automatically / Setting up a slug automatically- How to do it., How it works.

* sluggable behavior

o about / Setting up a slug automatically  
° references / See also

* Smarty

URL / See also

* Smarty view renderer

o reference / See also

* sort

° reference link / See also

* SQL injection

° about / Preventing SQL injections

° preventing / Getting ready, How to do it., How it works.

° references / See also

* SSH keys

o creating, reference / See also

* standalone actions

o using / Using standalone actions, Getting ready, How to do it., How it works.

° reference link / See also

* standalone validator

° creating / Writing your own validators, How to do it., How it works.

* static pages

° displaying / Displaying static pages, How to do it., About ViewAction

° ViewAction / About ViewAction  
° URL rule, configuring / Configuring URL rules  
° reference link / See also

* SwiftMailer e-mail library

° about / SwiftMailer e-mail library, How to do it...

° plain text mail, sending / Sending plain text, e-mails  
° HTML content, sending / Sending HTML content  
o SMTP transport, working with / Working with SMTP transport  
° file attaching / Attaching file and embedding images  
° images, embedding / Attaching file and embedding images  
° working / How it works.  
o references / See also

T

* tabular input

° about / Tabular input, Getting ready, How to do it.  
o implementing / How it works.

° reference / See also

* tests/README.md file

° references / See also

* timestamps

° automating / Automating timestamps, Getting ready, How to do it., How it works.  
° Post model, configuring / There’s more.

° example, for updating last\_login field / Tn addition.  
o reference / See also

* transactions

° about / Transactions  
° example / Getting ready., How to do it.  
o references / See also

* Twitter Bootstrap extension

° about / There’s more.

° URL / There’s more.

U

* unit testing

° PHPUnit, used / Unit testing with PHPUnit, How it works.

° Atoum, used / Unit testing with Atoum. How it works.

* Universally Unique Identifier (UUTD)

° about / Installing a library via Composer  
° URL, for installing / Installing a library v'a Composer

* URL

o generating / Generating URLs, How to do it., How it works.

* urlManager

° reference link / There’s more...

* URL rules

° configuring / Getting ready, How to do it., How it works., There’s more.  
o regular expressions, used / Using regular expressions in URL rules, How to do it., How it  
works., There’s more.

* user agent strings

° reference / How it works.

* User model, from advanced app

° reference / How it works.

V

* validator

° references / See also

* validator processes

o controlling / There’s more.

* versioning

o about / Versioning

° implementing / Getting ready. How to do it., How it works.

° references / There’s more.

* view

o controller context, used / Using the controller context in a view, How it works.

° reference link / There’s more.

° reusing, with partials / Reusing views with partials, How to do it., How it works.

* ViewAction

o defaultView / About ViewAction  
o layout / About ViewAction  
° viewP aram / About ViewAction  
° viewPrefix / About ViewAction  
o reference link / See also

* view renderers

° references / See also

* views counter panel, creating

o reference link / See also

W

* web-interface mode / Installing advanced project template
* web application components

o reference link / See also

* web session

° reference link / See also

* widget

o references / See also  
° creating / Creating a widget, How to do it.

° working / How it works...

° reference / See also

X

* X-Rate-Limit-Limit / How it works.
* X-Rate-Limit-Remaining / How it works.
* X-Rate-Limit-Reset / How it works.
* XDebug PHP extension

° URL, for installation / Getting coverage reports, Analyzing code coverage  
o URL / Analyzing code coverage

* XSS

° about / Preventing XSS

° preventing / Preventing XSS, Getting ready, How to do it., How it works.  
o types / XSS types  
o references / See also

Y

* Yii

o references / See also

° application profiling / Profiling an application with Yii, Getting ready, How to do it., How it  
works.

° reference, for installing on shared hosting environment / See also

* Yii\*\*t() method

° about / How it works.

* Yii2

° extensions / Introduction

o URL, for installation / Getting ready, Getting ready, Getting ready  
° internationalization, reference / See also

° configuring, best practices / Following best practices, How to do it., How it works.

° running, on HHVM / Running Yii2 on HHVM, How to do it., How it works.

* Yii2 application

° testing, Codeception used / Testing application with Codeception. Getting ready, How it  
works.

° tests, preparing / Preparing for the tests  
o functional tests, executing / Running unit and functional tests  
° unit tests, executing / Running unit and functional tests  
° coverage reports, obtaining / Getting coverage reports  
o acceptance tests, executing / Running acceptance tests  
° database fixtures, creating / Creating database fixtures  
° unit test, writing / Writing unit or integration test  
° integration test, writing / Writing unit or integration test  
o functional test, writing / Writing functional test  
° acceptance test, writing / Writing acceptance test

° acceptance, writing / Writing acceptance test  
° API test suite, creating / Creating API test suite

* Yii2 console commands

o reference / See also

* Yii2 framework code

° using / Using Yii2 code in other frameworks. How it works.,,

° reference link / See also

* Yii2-debug extension

o custom panel / Custom panel for debug extension. How to do it.. How it works.

° event handling / Handling events  
° reference link / See also

* yii2-faker extension

° about / How it works.

* Yii Active Record implementation

° reference / See also

* Yii application

° references / See also

° components, configuring / Configuring components. How it works.  
o built-in components / Built-in components

° events, working / Working with events. How to do it.. How it works.

* Yii application, events

° example / How it works.  
o reference link / See also

* Yii directory layout

° modifying / Changing the Yii directory layout. Getting ready. How it works.

° runtime directory location, modifying / Changing the location of the runtime directory  
o vendor directory location, modifying / Changing the location of the vendor directory  
o controllers location, modifying / Changing the location of the controllers  
° views directory location, modifying / Changing the locations of the views directory

* Yii error stack trace

o analyzing / Analyzing the Yii error stack trace. How to do it.. How it works.. See also

* Yii extensions

° creating / Making extensions distribution-ready. How to do it.

° working / How it works.

* YUI Compressor

° reference / See also

* yuicompressor.jar file

o URL, for downloading / Getting ready