Chapter 1: Fundamentals

yii-book.app/index.php?r=cart

My Company

Home / Cart

Cart

Add Item

Showing **1-3** of **3** items.

#	Product ID	Amount	
1	105	5	🗑
2	208	12	🗑
3	173	6	🗑

yii-book.app/index.php?r=cart

My Company

Home / Cart

Cart

Add Item

Showing **1-3** of **3** items.

#	Product ID	Amount	
1	105	5	🗑
2	208	12	🗑
3	173	6	🗑

Yii code generator

- Model Generator ➤
- CRUD Generator ➤
- Controller Generator ➤
- Form Generator ➤
- Module Generator ➤
- Extension Generator ➤

Model Generator

This generator generates an ActiveRecord class for the specified database table.

Table Name

    actor

Model Class

    Actor

CRUD Generator

This generator generates a controller and views that implement CRUD (Create, Read, Update, Delete)
data model.

Model Class

    app\models\Actor

Search Model Class

Controller Class

    app\controllers\ActorController

View Path

john2   @teleworm.us ▾

SUBJECT	TIME
Valentine's Day's coming? Aw crap! I forgot to get a girlfriend again!	10:48 AM UTC

To:	john2@teleworm.us
From:	techblog@teleworm.us
Subject:	Valentine's Day's coming? Aw crap! I forgot to get a girlfriend again!
Received:	Wed, Oct 19, 2016 at 10:48 AM UTC (16 minutes ago)
Expires:	Thu, Oct 20, 2016 at 10:48 AM UTC
Download:	PDF

Bender is angry at Fry for dating a robot. Stay away from our women.

← → C ⓘ yii-book.app/index.php?r=library ☆ ⋮

I am an awesome library with namespace.

I am an old library without namespace.

I am a simple function.

← → C ⓘ yii-book.app/index.php?r=library ☆ ⋮

I am an awesome library with namespace.

I am an old library without namespace.

I am a simple function.

Chapter 2: Routing,Controllers and Views

yii-book.app/home

My Company   Home   About   Contact   Login

Index action

yii-book.app/about

My Company   Home   About   Contact   Login

Page is about

My Company ☰
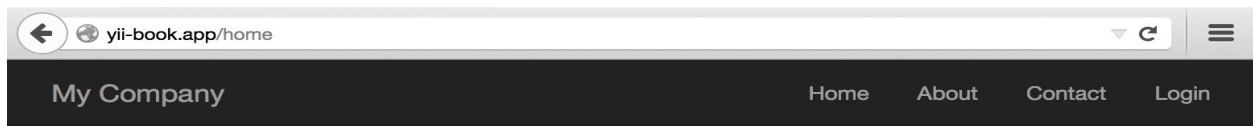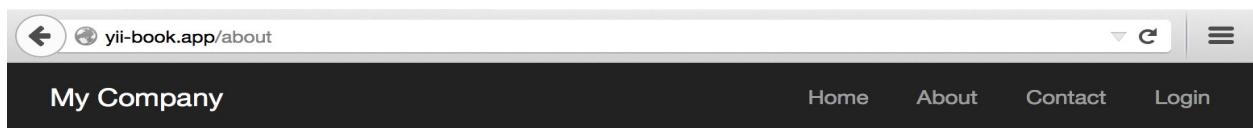
Generating URLs

Generating a link with URL to *blog* controller and *article* action with alias as param

Link Name

Current url

/test/urls

Current Controller, but you can specify an action

/test/view?id=contact

Current module, but you can specify controller and action

/blog/article

An absolute route to blog/list

/blog/list

yii-book.app/post/test-post

My Company   Home   About   Contact   Login
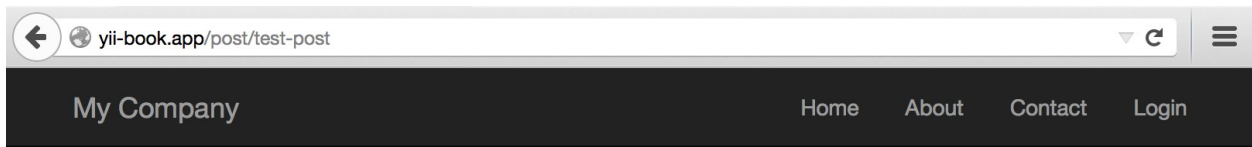
Showing post with alias test-post

yii-book.app/archive

My Company   Home   About   Contact   Login
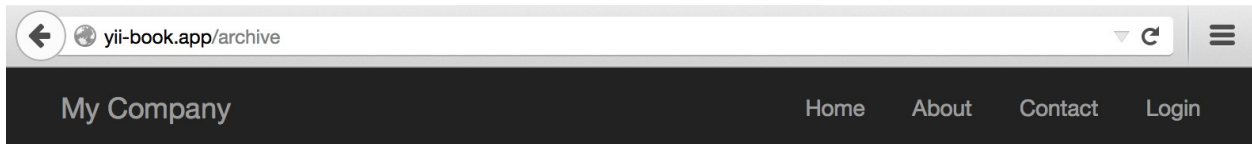
Showing archive ordered DESC
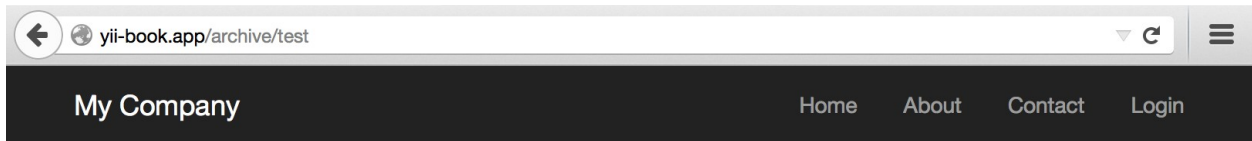
yii-book.app/archive/test

My Company   Home   About   Contact   Login

Not Found (#404)

Page not found.

The above error occurred while the Web server was processing your request.

Please contact us if you think this is a server error. Thank you.

My Company

Home   About   Contact   Login

Hello, Alex!

yii code generator

Home   Help   Application

Model Generator

CRUD Generator

Controller Generator

Form Generator

Module Generator

Extension Generator

Controller Generator

This generator helps you to quickly generate a new controller class with one or several controller actions and their corresponding views.

Controller Class

app\controllers\TestController

Action IDs

index

View Path

Base Class

app\components\BasicController

Code Template

default (/Users/ufocoder/www/basic/vendor/yiisoft/yii2-gii/generators/controller/default)

Preview

Posts

+ Create a post

Test article #1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed sit amet mauris est.Sed at dignissim dui. Phasellus arcu massa, facilisis a fringilla sit amet, rhoncus ut enim.

view | delete

Test article #2

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed sit amet mauris est.Sed at dignissim dui. Phasellus arcu massa, facilisis a fringilla sit amet, rhoncus ut enim.

view | delete

Test article #3

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed sit amet mauris est.Sed at dignissim dui. Phasellus arcu massa, facilisis a fringilla sit amet, rhoncus ut enim.

view | delete

« 1 2 »

Forbidden (#403)

This part of website works from 10 to 18 hours.

The above error occurred while the Web server was processing your request.

Please contact us if you think this is a server error. Thank you.

13	17:18:34.289	trace	application	This is the index action
				C:\web\projects\yii-book.loc\components\CustomFilter.php (23)

My Company

Home   About   Contact   Login

Contacts

Our contact: contact@localhost

My Company

Home   About   Contact   Login

Contacts

Our contact: contact@localhost

My Company

Home   About   Contact   Login

Everything went fine!   ×

Guest page

There's a content of guest page

My Company   Home   About   Contact   Login

Everything went wrong!   ×

Guest page

There's a content of guest page

My Company   Home   About   Contact   Login

This section is only for registered users.   ×

Guest page

There's a content of guest page

---

yii-book.app/index.php?r=view/index&name=Alex   ↻   ≡

My Company   Home   About   Contact   Login

Controller context test

Hello call. Hello, Alex!

My Company   Home   About   Contact   Login

Posts

First post

There's an example of reusing views with partials.

Second post

We use twitter widget.

Tweets   Follow

php.net @php_net   11 Jul
PHP 7.0.0 Beta 1 released.
php.net/archive/2015.p...
Expand

php.net @php_net   11 Jul
PHP 5.6.11, 5.5.27, 5.4.43 are available.
php.net/archive/2015.p...
Expand

php.net @php_net   12 Jun

Tweet to @php_net

My Company   Home   About   Contact   Login

About

This is the About page. You may modify this page.

Tweets   Follow

Yii Framework @yiiframework   3h
[extension] yii2-scroll-top: Yii 2 widget to
add a simple scroll-to-top button to your
site goo.gl/g6lzF4
Expand

Yii Framework @yiiframework   4h
[extension] yii2-float-thead: Yii 2 wrapper
for jquery.floatThead goo.gl/Gvezpv
Expand

Tweet to @yiiframework

```
Your IP is ::1
```

Blocks usage example

My custom footer block

"Time spent with cats is never wasted. ", S. Freud

Title

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Tags

- PHP
- Yii

Links

- Yiiframework
- PHP

Title

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

Table of contents

My Company

Home   About   Contact   Login

Title

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

---

yii-book.app/index.php?r=film%2Findex&sort=title

My Company

Home   About   Contact   Login

Films List

Title ⬆⬇ | Rental Rate

ACADEMY DINOSAUR `0.99`
A Epic Drama of a Feminist And a Mad Scientist who must Battle a Teacher in The Canadian Rockies

ACE GOLDFINGER `4.99`
A Astounding Epistle of a Database Administrator And a Explorer who must Find a Car in Ancient China

ADAPTATION HOLES `2.99`
A Astounding Reflection of a Lumberjack And a Car who must Sink a Lumberjack in A Baloon Factory

AFFAIR PREJUDICE `2.99`
A Fanciful Documentary of a Frisbee And a Lumberjack who must Chase a Monkey in A Shark Tank

AFRICAN EGG `2.99`
A Fast-Paced Documentary of a Pastry Chef And a Dentist who must Pursue a Forensic Psychologist in The Gulf of Mexico

« | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | »

Chapter 3: ActiveRecord, Model, and Database

My Company   Home   About   Contact   Login

1. ADAM GRANT
    1. ANNIE IDENTITY
    2. BALLROOM MOCKINGBIRD
    3. DISCIPLE MOTHER
    4. FIREBALL PHILADELPHIA
    5. GLADIATOR WESTWARD
    6. GLORY TRACY
    7. GROUNDHOG UNCUT
    8. HAPPINESS UNITED
    9. IDOLS SNATCHERS
    10. LOSER HUSTLER
    11. MARS ROMAN

Yii Debugger   Yii `2.0.4` PHP `5.5.23`   Status `200` Route `db/ar`   Log `18`   Time `2,547 ms` Memory `21.3 MB`   DB `7` `439 ms`   Asset Bundles `5`   >

Model Generator

This generator generates an ActiveRecord class for the specified database table.

Table Name

comment

Model Class

Comment

Namespace

app\models

Base Class

yii\db\ActiveRecord

Database Connection ID

db2

Posts

- Post #50
- Post #917
- Post #186
- Post #321
- Post #574
- Post #552
- Post #708

Comments

- comment #344
- comment #922
- comment #602
- comment #563
- comment #461
- comment #336
- comment #200

Default language

Yii news

Text in English

Yii Nachrichten

Text in Deutsch

German

Yii Nachrichten

Text in Deutsch

```
[
    'id' => 1
    'title' => 'links test'
    'text' => 'before http://www.yiiframework.com/ after'
]
```

```
[
    'id' => 1
    'title' => 'Gotcha!'
    'text' => 'We need some laughter to ease the tension of holiday shopping.'
    'created_date' => 1434994246
    'modified_date' => 1434994246
]
```

My Company

Home   About   Contact   Logout (admin)

```
[
    'id' => 1
    'author_id' => '100'
    'updater_id' => null
    'title' => 'Very pretty title'
    'text' => 'Success is not final, failure is not fatal...'
]
```

My Company

Home   About   Contact   Login

```
[
    'id' => 1
    'title' => 'Super Quote title 1'
    'slug' => 'super-quote-title-1'
    'text' => 'The price of success is hard work, dedication to the job at hand'
][
    'id' => 2
    'title' => 'Super Quote title 2'
    'slug' => 'super-quote-title-2'
    'text' => 'Happiness lies in the joy of achievement...'
]
```

My Company

Home   About   Contact   Login

Home / Posts / Super Quote title 1

Super Quote title 1

Update   Delete

ID	1
Title	Super Quote title 1
Slug	super-quote-title-1
Text	The price of success is hard work, dedication to the job at hand

Home / Posts / Super Quote title 1

Super Quote title 1

Update   Delete

ID	1
Title	Super Quote title 1
Slug	super-quote-title-1
Text	The price of success is hard work, dedication to the job at hand

Yii Debugger   Yii 2.0.4 PHP 5.5.23   Status 200 Route blog-post/slug   Log 15   Time 146 ms Memory 7.9 MB   DB 3 2 ms   Asset Bundles 5   >

Money transfer was successfully

Yii Debugger   Yii 2.0.4 PHP 5.5.23   Status 200 Route test/success   Log 19   Time 192 ms Memory 7.4 MB   DB 6 5 ms   Asset Bundles 5   >

Database Exception – yii\db\Exception

Money transfer failed: [
'balance' => [
0 => 'Balance must be no less than 0.'
]
][]

Master

```
[
    'id' => 13
    'title' => 'Awesome'
    'text' => 'Something is going on..'
    'created_at' => null
    'modified_at' => null
]
```

Slave

```
[
    'id' => 13
    'title' => 'Awesome'
    'text' => 'Something is going on..'
    'created_at' => null
    'modified_at' => null
]
```

All cars

app\models\FamilyCar Ford Focus
app\models\FamilyCar Opel Astra
app\models\FamilyCar Kia Ceed
app\models\SportCar Porsche Boxster
app\models\SportCar Ferrari 550

Family cars

app\models\FamilyCar Ford Focus
app\models\FamilyCar Opel Astra
app\models\FamilyCar Kia Ceed

Chapter 4: Forms

My Company Home About Contact Login

Model is valid.

My Company Home About Contact Login

Please fix the following errors:
- The number of words must be less than 10

My Company Home About Contact Login

Value is valid.

My Company Home About Contact Login

The number of words must be less than 10

File

Choose File   No file chosen

Upload

Success!

Email

john.rideon@mail.com

submit

Email

john.rideon@mail.com

cizezum

The verification code is incorrect.

submit

Success!

Email

jehkinen@ya.ru

Verify Code 9- 4

14

Submit

My Company   Home   About   Contact   Login

Range form

[   ] → [   ] Submit

My Company   Home   About   Contact   Login

Range form

Please fix the following errors:
- From must be less than or equal to "200".

[300   ] → [200   ] Submit

Range form

The form was successfully processed!

100   →   200   Submit

All prizes have been successfully saved!

Iphone 6s

4

Sony Playstation 4

20

submit

Delivery form

Type

Courier delivery ▲▼

Address

Address cannot be blank.

Submit

First Name

John

Last Name

Doug

Phone

+545-234-664

Product ID

Iphone 6 ▾

Address

144 W 66th St New York, NY 10023 Phone number (212) 799-50(

Save

My Company ☰

Product: Iphone 6
Price: 400.5
Customer: Joe Doug
Address: 144 W 66th St New York, NY 10023 Phone number (212) 799-5000

Product

Title

Canon - EOS Rebel T6i DSLR

Category

| ✓ Select a category |
| TV, Audio/Video |
| Photo |
| Video |

Select a sub category

Submit

My Company

Home   About   Contact   Login

Product

Title

Canon - EOS Rebel T6i DSLR

Category

Photo

Sub category

| Select a sub category |
| ✓ Cameras |
| Flashes and Lenses |

Submit

Q 📱 Elements **Network** Sources Timeline Profiles Resources Audits Console AngularJS ⊗2 >_ ⚙ ◻, ×

● ⊘ ▼ View: ▤ ▦ Options: ☐ Preserve log ☐ Disable cache

Filter [All] XHR Script Style Images Media Fonts Documents WebSockets Other ☐ Hide data URLs

Name | × Headers **Preview** Response Cookies Timing

☐ index.php?r=site%2Fcontact | ▼{contactform-name: ["Name cannot be blank."], contactform-email: ["Email can...
| ▶ contactform-body: ["Body cannot be blank."]
| ▶ contactform-email: ["Email cannot be blank."]
| ▶ contactform-name: ["Name cannot be blank."]
| ▶ contactform-subject: ["Subject cannot be blank."]
| ▶ contactform-verifycode: ["The verification code is incorrect."]

1 requests | 707 B transferred

My Company   Home   About   Contact   Login

Article form

Title

There is a very long content for current article, it should be less then ten words

The number of words must be less than 10

Submit

My Company   Home   About   Contact   Login

Article form

Title

There is a shot title

Submit

Chapter 5: Security

id	username	auth_key	password_hash	password_reset_token
1	admin	01rtC0h3jOC5ziMxAk92CpYZJ1cMSGMM	$2y$13$KJ8RjbY3DCgdFxQOvW82N.m2Zrh6F6pPjde2FNg3gH8...	NULL

Hello, <script>alert('xss');</script>!

Hello, *username*!

My Company
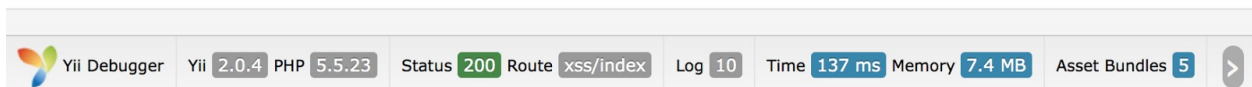
Bad Request (#400)

Unable to verify your data submission.

The above error occurred while the Web server was processing your request.

Please contact us if you think this is a server error. Thank you.

My Company   Home   About   Contact   Login

Current permissions

- Use can create post: no
- Use can read post: no
- Use can update post: no
- Use can own update post: no
- Use can delete post: no

Yii Debugger Yii `2.0.4` PHP `5.5.23` Status `200` Route `rbac/test` Log `55` Time `159 ms` Memory `6.8 MB` DB `29` `15 ms` Asset Bundles `5`   ›

My Company   Home   About   Contact   Logout (demo)

Current permissions

- Use can create post: yes
- Use can read post: yes
- Use can update post: no
- Use can own update post: yes
- Use can delete post: no

Yii Debugger Yii `2.0.4` PHP `5.5.23` Status `200` Route `rbac/test` Log `48` Time `144 ms` Memory `6.8 MB` DB `25` `10 ms` Asset Bundles `5`   ›

My Company   Home   About   Contact   Logout (admin)

Current permissions

- Use can create post: yes
- Use can read post: yes
- Use can update post: yes
- Use can own update post: yes
- Use can delete post: yes

My Company   Home   About   Contact   Logout (demo)

Forbidden (#403)

You are not allowed to perform this action.

The above error occurred while the Web server was processing your request.

Please contact us if you think this is a server error. Thank you.

My Company   Home   About   Contact   Logout (admin)

Post deleted.

- New model: ['id' => 1 'client' => 'Alex' 'total' => 100 'encrypted_field' => 'very-secret-info']
- Find model: ['id' => 1 'client' => 'Alex' 'total' => 100 'encrypted_field' => 'very-secret-info']

My Company

Home   About   Contact   Logout (admin)

- 1
- Alex
- 100
- 4k���JMv�(z���cb7b7ba8bb11c1e12c6c59a971da4517dbc52f20712c3243ee7be9e935213e68��X����=����

Chapter 6: RESTful Web Services
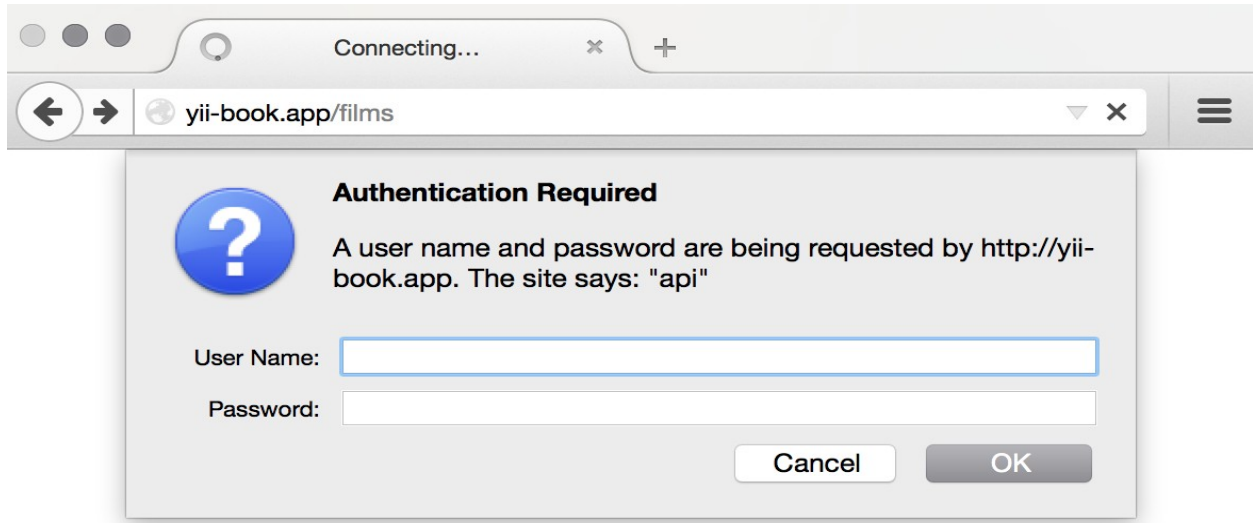
Chapter 7: Official Extensions

Authorized applications | **Developer applications**

Register a new OAuth application

Application name

Yii-Book

Something users will recognize and trust

Homepage URL

http://yii-book.app

The full URL to your application homepage

Application description

Application description is optional

This is displayed to all potential users of your application

Drag & drop

or choose an image

Authorization callback URL

http://yii-book.app/index.php?r=site%2Fauth&authclient=github

Your application's callback URL. Read our OAuth documentation for more information

Register application

---

0 users

Client ID
87f0784aae2ac48f78a
Client Secret
fb5953a54dea4640f3a70d8abd96fbd25592ff18

Revoke all user tokens | **Reset client secret**

Application name

Yii-Book

Something users will recognize and trust

Homepage URL

http://yii-book.app

The full URL to your application homepage

choose an image

Login

g+ Google   GitHub

Please fill out the following fields to login:

Username

Password

☑ Remember Me

Login

Authorize application

Yii-Book by would like permission to access your account

Review permissions

| 👤 | **Personal user data**
Full access | ⌄ |

Authorize application

Yii-Book

No description

Visit application's website

ⓘ Learn more about OAuth

yii code generator

Welcome to Gii a magical tool that can write code for you

Start the fun with the following code generators:

MongoDB Model Generator

This generator generates an ActiveRecord class for the specified MongoDB collection.

Start »

Model Generator

This generator generates an ActiveRecord class for the specified database table.

Start »

MongoDB Model Generator

This generator generates an ActiveRecord class for the specified MongoDB collection.

Collection Name

customer

Database Name

Attribute List

name, email, address, status

Model Class

Customer

Namespace

app\models

Base Class

yii\mongodb\ActiveRecord

MongoDB Connection ID

mongodb

☐ **Enable I18N**

Code Template

default (/vendor/yiisoft/yii2-mongodb/gii/model/default)

Preview

CRUD Generator

This generator generates a controller and views that implement CRUD (Create, Read, Update) model.

Model Class

app\models\Customer

Search Model Class

app\models\CustomerSearch

Controller Class

app\controllers\CustomerController

View Path

Base Controller Class

yii\web\Controller

Widget Used in Index Page

GridView

☐ **Enable I18N**

Code Template

default (/vendor/yiisoft/yii2-gii/generators/crud/default)

[Preview]

---

yii-book.app/index.php?r=customer

My Company
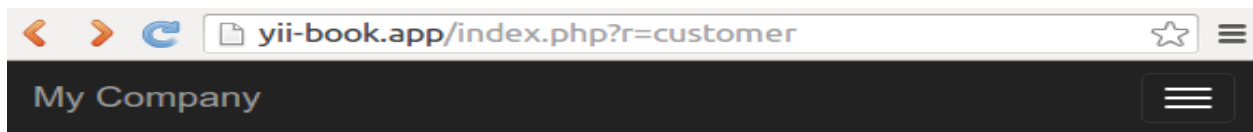
Home / Customers

Customers

[Create Customer]

#	ID	Name	Email	Address	Status	

No results found.

| untu4.14 | Status | 200 | Route | customer/index | Log | 15 | Time | 21 ms | Memory | 3.1 MB | Asset Bundles | 7 | MongoDB | 2 | 0 ms |

56af41337f813: GET http://yii-book.app/index.php?r=customer%2Findex at 2016-02-01 11:27:47 am by 127.0.0.1

All Latest Last 10 ▾

MongoDB Queries

Total **2** items.

#	Time	Duration ↓↑	Type	Query
			▾	
1	11:27:47.530	0.2 ms	FIND	find.count({"ns":"mydatabase.customer","limit":-1,"batchSize":0,"skip":-1,"flags":0,"query": {},"fields":[],"started_iterating":false}) /work/Dropbox/SERVER/home/yii-book.app/www/views/customer/index.php (36) /work/Dropbox/SERVER/home/yii-book.app/www/controllers/CustomerController.php (41) [+] Explain
2	11:27:47.531	0.1 ms	FIND	find({"ns":"mydatabase.customer","limit":20,"batchSize":0,"skip":0,"flags":0,"query": {},"fields":[],"started_iterating":false}) /work/Dropbox/SERVER/home/yii-book.app/www/views/customer/index.php (36) /work/Dropbox/SERVER/home/yii-book.app/www/controllers/CustomerController.php (41) [+] Explain

[+] Explain all

---

yii-book.app/index.php?r=gii

yii code generator

Welcome to Gii a magical tool that can write code for you

Start the fun with the following code generators:

Model Generator

This generator generates an ActiveRecord class for the specified database table.

Start »

CRUD Generator

This generator generates a controller and views that implement CRUD (Create, Read, Update, Delete) operations for the specified data model.

Start »

Form Generator

This generator generates a view script file that displays a form to collect input for the specified model class.

Start »

Module Generator

This generator helps you to generate the skeleton code needed by a Yii module.

Start »

Model Generator

This generator generates an ActiveRecord class for the specified database table.

Table Name

customer

Model Class

Customer

Namespace

app\models

Base Class

yii\db\ActiveRecord

Database Connection ID

db

☑ **Use Table Prefix**

☑ **Generate Relations**

☐ **Generate Labels from DB Comments**

☐ **Generate ActiveQuery**

☐ **Enable I18N**

Code Template

default (/vendor/yiisoft/yii2-gii/generators/model/default)

Preview

Preview   Generate

Click on the above `Generate` button to generate the files selected below:

☑ Create   ☑ Unchanged   ☑ Overwrite

Code File	Action	☑
models/Customer.php	create	☑

Preview   Generate

Click on the above `Generate` button ☑ Create ☑ Unchanged ☑ Overwrite
to generate the files selected below:

Code File	Action	☐
models/Customer.php `diff`	overwrite	☐

Preview

The code has been generated successfully.

```
Generating code using template "/vendor/yiisoft/yii2-gii/ge
generated models/Customer.php
done!
```

Model Generator	>
CRUD Generator	>
Controller Generator	>
Form Generator	>
Module Generator	>
Extension Generator	>

CRUD Generator

This generator generates a controller and views that implement CRUD (Create, Read, Update, Delete) operations for the specified data model.

Model Class

app\models\Customer

Search Model Class

app\models\CustomerSearch

Controller Class

app\controllers\CustomerController

View Path

Base Controller Class

yii\web\Controller

Widget Used in Index Page

GridView

☐ **Enable I18N**

Code Template

default (/vendor/yiisoft/yii2-gii/generators/crud/default)

[Preview]

[Preview] [Generate]

Click on the above `Generate` button to generate the files selected below:

☑ Create   ☑ Unchanged   ☑ Overwrite

Code File	Action	☑
controllers/CustomerController.php	create	☑
models/CustomerSearch.php	create	☑
views/customer/_form.php	create	☑
views/customer/_search.php	create	☑
views/customer/create.php	create	☑
views/customer/index.php	create	☑
views/customer/update.php	create	☑
views/customer/view.php	create	☑

My Company
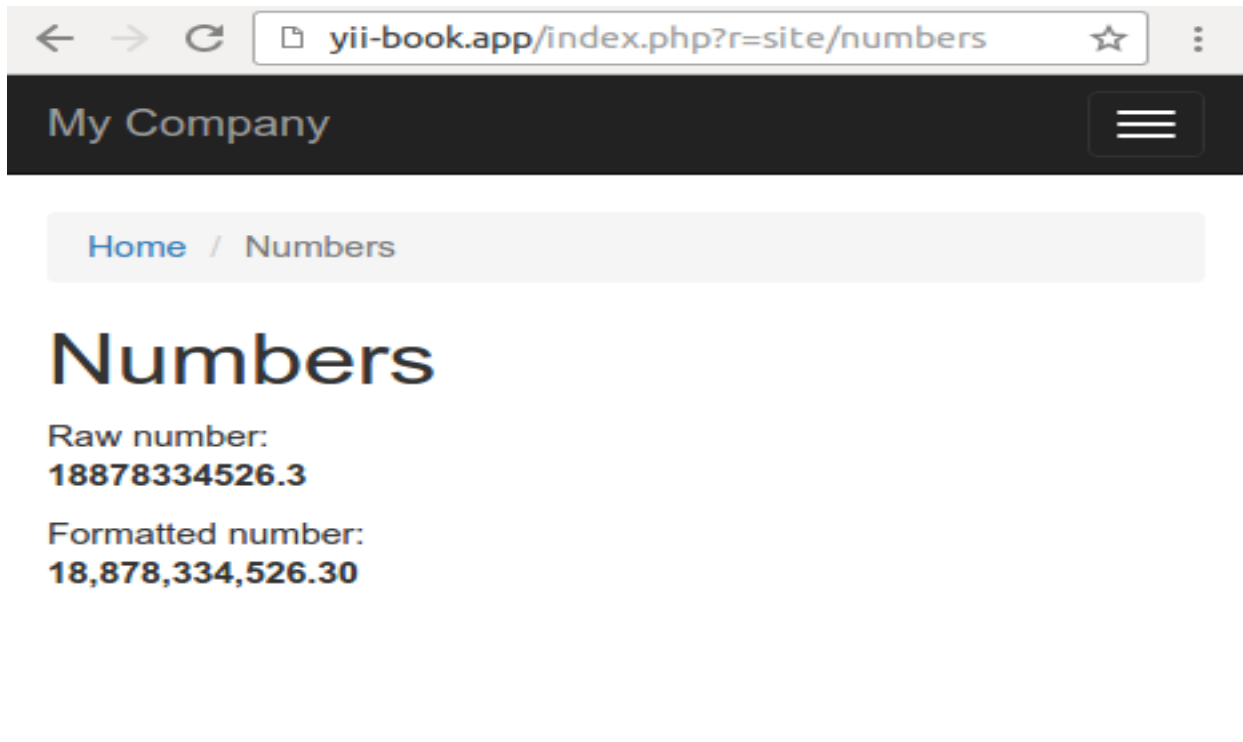
Home / Customers

Customers

Create Customer

#	ID	Name	Email	Address	

No results found.

Chapter 8: Extending Yii

← → C □ yii-book.app/index.php?r=site/numbers ☆ ⋮
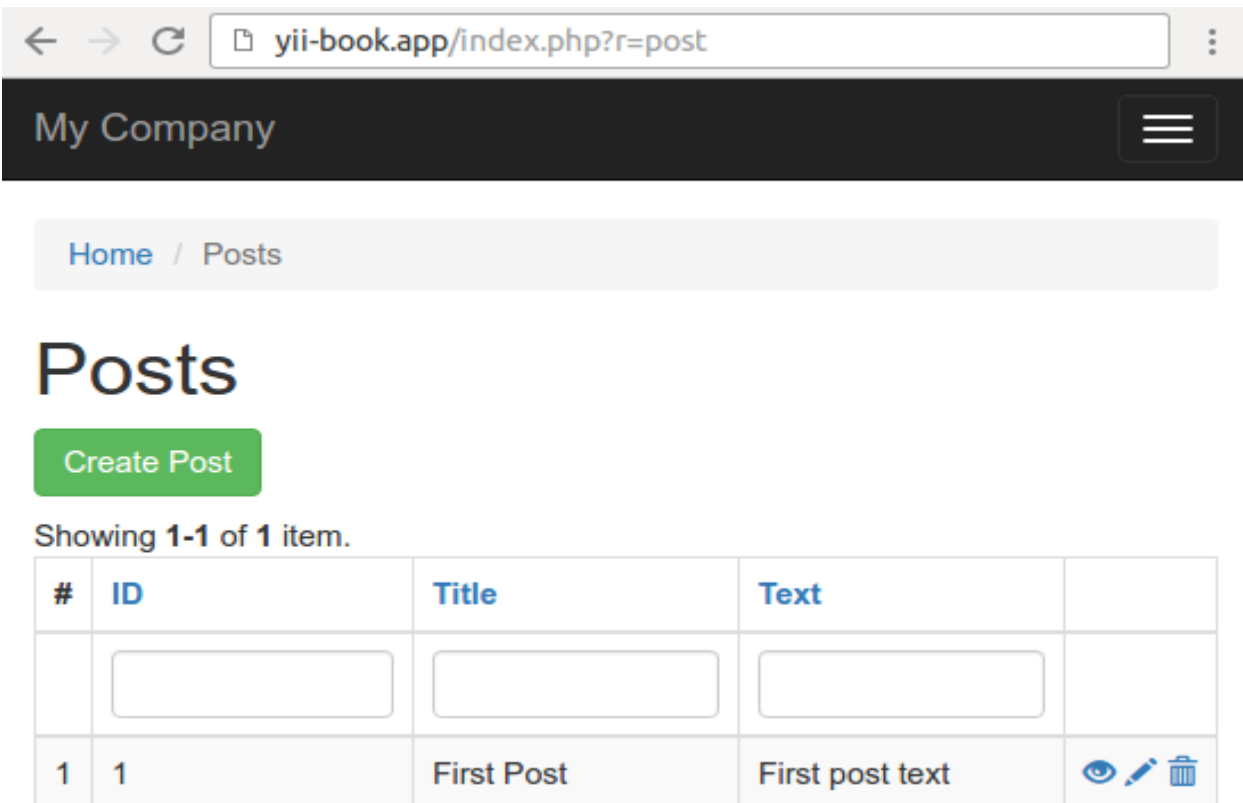
My Company ☰

Home / Numbers

Numbers

Raw number:
18878334526.3

Formatted number:
18,878,334,526.30

← → C □ yii-book.app/index.php?r=post ⋮

My Company ☰

Home / Posts

Posts

Create Post

Showing **1-1** of **1** item.

#	ID	Title	Text	
1	1	First Post	First post text	👁 ✎ 🗑

My Company ☰

Home / Cleaner

Cleaner

Assets path "@app/web/assets" is cleaned.

Clear Caches   **Clear Assets**   **Clear Runtime**

My Company

Home / Chart

Chart

My Chart Diagram

Small

Big
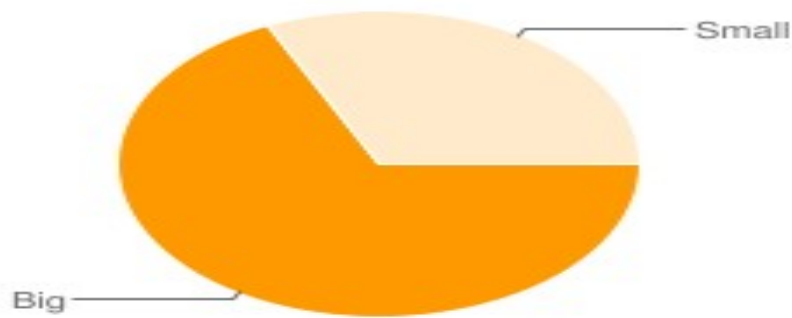
My Company ☰

Home / User agreement

User agreement

Please agree with our rules:

☐ I completely accept the rules.

Accept Cancel

My Company ☰

Home / Content

Content

This is our private page.

Application log

Showing **1-20** of **47** items.

Time	IP	User	Level	Category	Text
Jul 30, 2016, 12:53:26 PM	127.0.0.1	-	error	yii\web\HttpException:404	exception 'yii\base\InvalidRouteExceptio in vendor/yiisoft/yii2/base/Module.php:4
Jul 30, 2016, 12:26:46 PM	127.0.0.1	-	error	yii\base\ErrorException:2	exception 'yii\base\ErrorException' with at offset 211' in /log/LogReader.php:24
Jul 28, 2016, 4:33:33 PM	-	-	error	yii\console\Exception	exception 'yii\base\InvalidRouteExceptio hello/test' in /yiisoft/yii2/base/Controller.
Jul 27, 2016, 10:35:49 AM	-	-	error	yii\db\Exception	exception 'PDOException' with message book-tests' in /vendor/yiisoft/yii2/db/Con
Jul 27, 2016, 10:35:29 AM	-	-	error	yii\db\Exception	exception 'PDOException' with message 'yii2_basic_tests' in /vendor/yiisoft/yii2/d
Jul 11, 2016, 5:14:06 PM	-	-	error	yii\db\Exception	exception 'PDOException' with message column list: 1136 Column count doesn't /vendor/yiisoft/yii2/db/Command.php:78

« **1** 2 3 »

← → C 🔒 **yii-book.app**/index.php?r=smarty ☆ ⋮
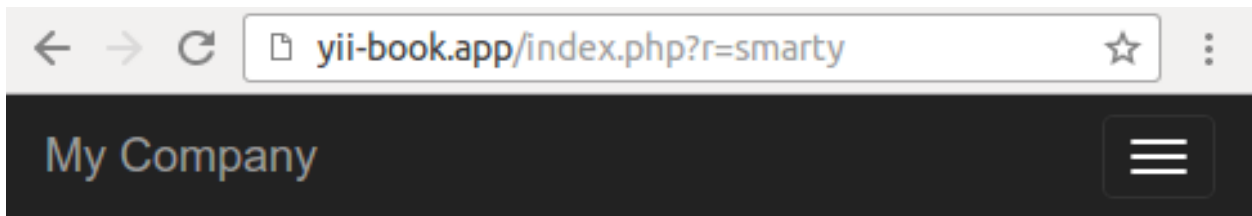
My Company ≡

Smarty Example

Hello, Bond!

Chapter 9: Performance Tuning

yii-book.app/index.php?r=dashboard/index

My Company
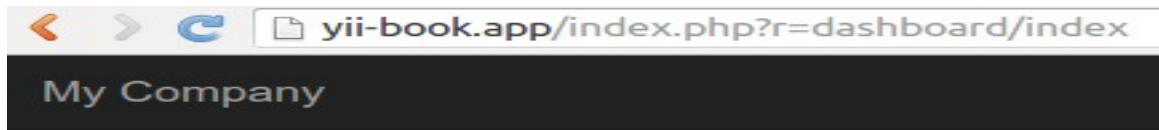
Total: 703.00

5 latest articles:

Title #464
Text #464

Title #361
Text #361

Title #77
Text #77

Title #390
Text #390

Title #991
Text #991

Time 51 ms Memory 2.7 MB   DB 4 1 ms   Asset Bundles 5

Database Queries

Total **4** items.

#	Time	Duration ↓⁊	Type	Query
			▼	
1	12:56:34.390	0.5 ms	SHOW	SHOW FULL COLUMNS FROM `article` /work/Dropbox/SERVER/home/yii-book.app/www/controllers/DashboardController.php (34)
2	12:56:34.387	0.3 ms	SELECT	SELECT SUM(amount) FROM `account` /work/Dropbox/SERVER/home/yii-book.app/www/controllers/DashboardController.php (33)
3	12:56:34.389	0.3 ms	SELECT	SELECT * FROM `article` ORDER BY `id` DESC LIMIT 5 /work/Dropbox/SERVER/home/yii-book.app/www/controllers/DashboardController.php (34)
4	12:56:34.391	0.2 ms	SHOW	SHOW CREATE TABLE `article` /work/Dropbox/SERVER/home/yii-book.app/www/controllers/DashboardController.php (34)

| All | Latest | Last 10 ▾ | 56decb3048316: GET http://yii-book.app/index.php?r=dashboard%2Findex at 2016-03-08 12:53:04 pm by 127.0.0.1 |

Database Queries

Total **1** item.

#	Time	Duration ↓⁊	Type	Query
			▼	
1	12:53:04.299	0.2 ms	SELECT	SELECT MAX(id) FROM account

Database Queries

Total **5** items.

#	Time	Duration ⬇	Type	Query
			▼	
1	12:49:37.380	0.4 ms	SHOW	SHOW FULL COLUMNS FROM `article` /work/Dropbox/SERVER/home/yii-book.app/www/controllers/DashboardController.php (34)
2	12:49:37.402	0.3 ms	SELECT	SELECT MAX(id) FROM account
3	12:49:37.378	0.3 ms	SELECT	SELECT SUM(amount) FROM `account` /work/Dropbox/SERVER/home/yii-book.app/www/controllers/DashboardController.php (33)
4	12:49:37.379	0.2 ms	SELECT	SELECT * FROM `article` ORDER BY `id` DESC LIMIT 5 /work/Dropbox/SERVER/home/yii-book.app/www/controllers/DashboardController.php (34)
5	12:49:37.382	0.2 ms	SHOW	SHOW CREATE TABLE `article` /work/Dropbox/SERVER/home/yii-book.app/www/controllers/DashboardController.php (34)

yii-book.app/index.php?r=article

My Company

Articles

Showing **1-20** of **100** items.

Eos tempore voluptatum doloribus. Est voluptate ea et culpa repudiandae ad.

Category: Agustina Hegmann

Et temporibus voluptate nihil. Dolor debitis dolores nesciunt laborum.

Category: Arielle Cummerata

Log 55   Time 73 ms Memory 3.572 MB   DB 22 5 ms

2.0.7 PHP 5.5.9-1ubuntu4.17   Status 200 Route article/index   Log 55 Time 73 ms Memory

Configuration	>
Request	>
Logs	>
Profiling	>
Database	>
Asset Bundles	>
Mail	>

All   Latest   Last 10 ▾   5783dc1a27332: GET http://yii-book.app/index.ph

Performance Profiling

Total processing time: **73 ms**; Peak memory: **3.572 MB**.

Total **24** items.

#	Time ↓	Duration	Category	Info
1	17:49:14.168	40.9 ms	application	articles
2	17:49:14.175	0.4 ms	yii\db\Connection::open	→Opening DB

2.0.7 PHP 5.5.9-1ubuntu4.17   Status 200 Route article/index   Log 36 Time 51 ms Memory

Configuration	>
Request	>
Logs	>
Profiling	>
Database	>
Asset Bundles	>
Mail	>

All   Latest   Last 10 ▾   5783dd3407ca7: GET http://yii-book.app/index.ph

Performance Profiling

Total processing time: **51 ms**; Peak memory: **3.308 MB**.

Total **5** items.

#	Time ↓	Duration	Category	Info
1	17:53:56.038	24.6 ms	application	articles
2	17:53:56.044	0.4 ms	yii\db\Connection::open	→Opening DB

← → C 🗋 http://yii-book.app/index.php?r=blog/index   :

My Company   ☰

Title #8

Created Apr 21, 2016, 12:48:14 AM
Updated Apr 21, 2016, 12:48:14 AM

| ⌖ ⧉ | Elements | Console | Sources | **Network** | Timeline | Profiles | » | ⋮ | ✕ |

● ⊘ | ■ ▼ | View: ☷ ☰ | ☐ Preserve log ☐ Disable cache | No throttling

| Filter | ☐ Regex ☐ Hide data URLs |

All XHR JS CSS Img Media Font Doc WS Manifest Other

Name Path	▼	Me...	Status Text	Type	Initiator	Size Content	Time Latency	Time
📄 index.php?r=blog/index		GET	304 Not Modified	document	Other	193 B 15.3 KB	53 ms 52 ms	▌

9 requests | 493 KB transferred | Finish: 312 ms | **DOMContentLoaded: 167 ms** | **Load: 167 ms**

← → C 🗋 http://yii-book.app/index.php?r=blog/index

My Company

| Home / Articles |

Title #8

Created Apr 21, 2016, 12:48:14 AM
Updated Apr 21, 2016, 12:48:14 AM

Title #199

Created Apr 21, 2016, 12:46:33 AM
Updated Apr 21, 2016, 12:56:02 AM

Title #653

Created Apr 21, 2016, 12:46:32 AM
Updated Apr 21, 2016, 12:46:32 AM
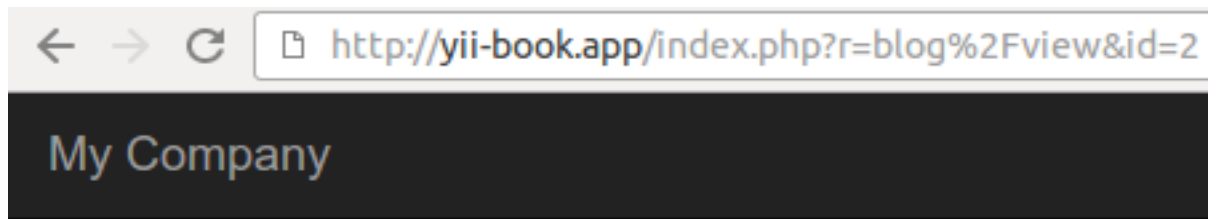
My Company

Home / Articles / Title #199

Title #199

Created Apr 21, 2016, 12:46:33 AM
Updated Apr 21, 2016, 12:56:02 AM

Text #199
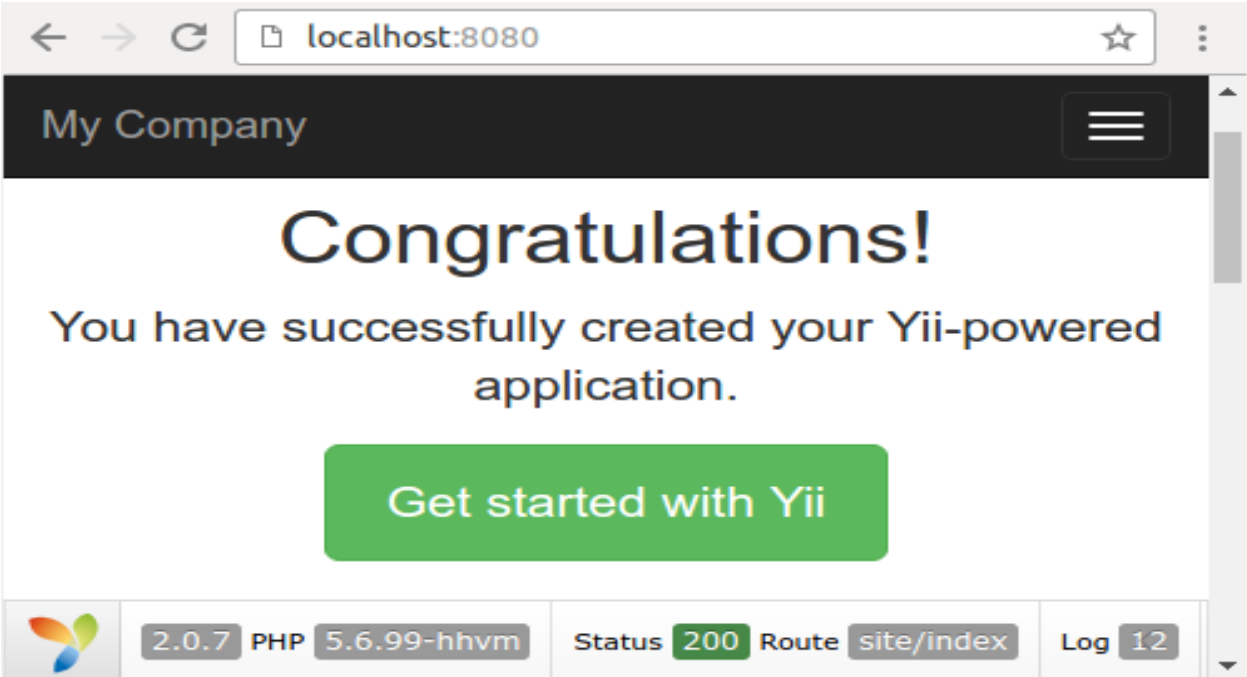
localhost:8080

My Company

Congratulations!

You have successfully created your Yii-powered application.

Get started with Yii

2.0.7 PHP 5.6.99-hhvm   Status 200 Route site/index   Log 12

Chapter 10: Deployment

```
✓ Executing task deploy:prepare
✓ Executing task deploy:release
✓ Executing task deploy:update_code
✓ Executing task deploy:shared
✓ Executing task deploy:vendors
✓ Executing task deploy:run_migrations
✓ Executing task deploy:symlink
✓ Executing task cleanup
➤ Executing task success
Successfully deployed!
✓ Ok
```

Chapter 11: **Testing**

CRUD Generator

This generator generates a controller and views that implement CRUD (Create, Read, Updat
model.

Model Class

app\models\Post

Search Model Class

app\models\PostSearch

Controller Class

app\controllers\admin\PostsController

View Path

@app/views/admin/posts

Base Controller Class

yii\web\Controller

Widget Used in Index Page

GridView

‹ › C 🗋 yii-book.app/index.php?r=admin/posts ☆ ◯ ≡

My Company ≡
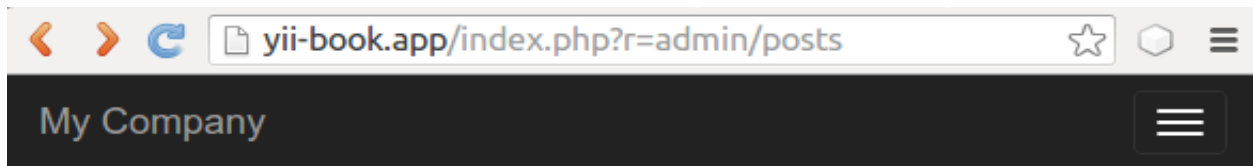
Home / Posts

Posts

Create Post

#	Id	Title	Text	Status	
No results found.					

```
Codeception PHP Testing Framework v2.2.5
Powered by PHPUnit 4.8.27 by Sebastian Bergmann and contributors.

Unit Tests (15) ----------------------------------------
✓ ContactFormTest: Email is sent on contact (0.09s)
✓ LoginFormTest: Login no user (0.01s)
✓ LoginFormTest: Login wrong password (0.00s)
✓ LoginFormTest: Login correct (0.00s)
✓ PostTest: Validate empty (0.06s)
✓ PostTest: Validate correct (0.03s)
✓ PostTest: Save (0.03s)
✓ PostTest: Publish (0.03s)
✓ PostTest: Already published (0.03s)
✓ PostTest: Draft (0.03s)
✓ PostTest: Already drafted (0.04s)
✓ UserTest: Find user by id (0.00s)
✓ UserTest: Find user by access token (0.00s)
✓ UserTest: Find user by username (0.00s)
✓ UserTest: Validate user (0.00s)
----------------------------------------------------

Time: 1.65 seconds, Memory: 29.00MB

OK (15 tests, 45 assertions)
```

	Code Coverage							
	Lines			Functions and Methods			Classes and Traits		
Total		30.65%	38 / 124		40.91%	9 / 22		20.00%	1 / 5
commands		0.00%	0 / 3		0.00%	0 / 1		0.00%	0 / 1
controllers		0.00%	0 / 66		0.00%	0 / 7		0.00%	0 / 1
mail		0.00%	0 / 7		100.00%	0 / 0			0 / 0
models		79.17%	38 / 48		64.29%	9 / 14		33.33%	1 / 3

```
Unit Tests (15) --------------------------------------
```
✓ ContactFormTest: Email is sent on contact (0.12s)

✓ LoginFormTest: Login no user (0.01s)

✓ LoginFormTest: Login wrong password (0.00s)

✓ LoginFormTest: Login correct (0.00s)

✓ PostTest: Validate empty (0.06s)

✓ PostTest: Validate correct (0.04s)

✓ PostTest: Save (0.04s)

✓ PostTest: Publish (0.03s)

✓ PostTest: Already published (0.04s)

✓ PostTest: Draft (0.03s)

✓ PostTest: Already drafted (0.03s)

✓ UserTest: Find user by id (0.00s)

✓ UserTest: Find user by access token (0.00s)

✓ UserTest: Find user by username (0.00s)

✓ UserTest: Validate user (0.00s)
```
     --------------------------------------------------
```

```
Functional Tests (16) -----------------------------------------------------
--------
```
✓ ContactFormCest: Open contact page (0.12s)

✓ ContactFormCest: Submit empty form (0.05s)

✓ ContactFormCest: Submit form with incorrect email (0.04s)

✓ ContactFormCest: Submit form successfully (0.09s)

✓ LoginFormCest: Open login page (0.01s)

✓ LoginFormCest: Internal login by id (0.02s)

✓ LoginFormCest: Internal login by instance (0.02s)

✓ LoginFormCest: Login with empty credentials (0.03s)

✓ LoginFormCest: Login with wrong credentials (0.02s)

✓ LoginFormCest: Login successfully (0.02s)

✓ PostsCest: Test index (0.11s)

✓ PostsCest: Test view (0.05s)

✓ PostsCest: Test create invalid (0.07s)

✓ PostsCest: Test create valid (0.07s)

✓ PostsCest: Test update (0.03s)

✓ PostsCest: Test delete (0.07s)
```
     ------------------------------------------------------------
```

```
Acceptance Tests (9) ---------------------------------------------------------
-----
✓ AboutCest: Ensure that about works (0.84s)
✓ ContactCest: Ensure that contact page works (0.36s)
✓ ContactCest: Contact form can be submitted (2.94s)
✓ HomeCest: Ensure that home page works (2.47s)
✓ LoginCest: Ensure that login works (2.67s)
✓ PostsCest: Ensure that post index page works (0.47s)
✓ PostsCest: Ensure that post view page works (0.35s)
✓ PostsCest: Ensure that post create page works (4.11s)
✓ PostsCest: Ensure that post view page works (0.35s)
✓ PostsCest: Test delete (3.61s)
--------------------------------------------------------------
```

< > ⟳ 🗋 yii-book.app/api/posts

This XML file does not appear to have any style information

```xml
▼<response>
  ▼<item>
      <id>1</id>
      <title>First Post</title>
      <text>First Post Test</text>
      <status>1</status>
      <created_at>1460195795</created_at>
      <updated_at>1460195795</updated_at>
  </item>
</response>
```

```
Api Tests (6) ----------------------------------------------
✓ PostsCest: Test get all (0.12s)
✓ PostsCest: Test get one (0.03s)
✓ PostsCest: Test get not found (0.03s)
✓ PostsCest: Test create (0.04s)
✓ PostsCest: Test update (0.04s)
✓ PostsCest: Test delete (0.04s)
------------------------------------------------------------
```

	Code Coverage							
	Lines			Functions and Methods			Classes and Traits	
Total		95.35%	41 / 43		91.67%	11 / 12		50.00%	1 / 2
storage		100.00%	3 / 3		100.00%	2 / 2		100.00%	1 / 1
Cart.php		95.00%	38 / 40		90.00%	9 / 10		0.00%	0 / 1

Legend

Low: 0% to 50%   Medium: 50% to 90%   High: 90% to 100%

```php
20      public function setStorage($storage)
21      {
22          if (is_array($storage)) {
23              $this->_storage = \Yii::createObject($storage);
24          } else {
25              $this->_storage = $storage;
26          }
27      }
```
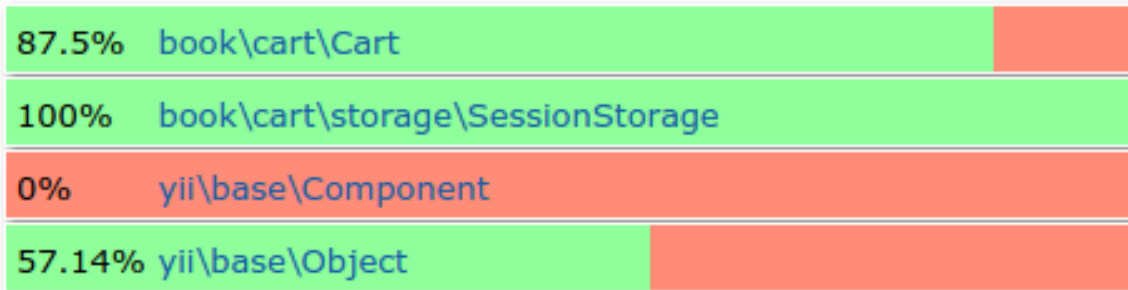
Code coverage of Cart

Global code coverage **18.34%**

87.5%	book\cart\Cart
100%	book\cart\storage\SessionStorage
0%	yii\base\Component
57.14%	yii\base\Object

Code coverage report powered by atoum

Chapter 12: Debugging, Logging, and Error Handling
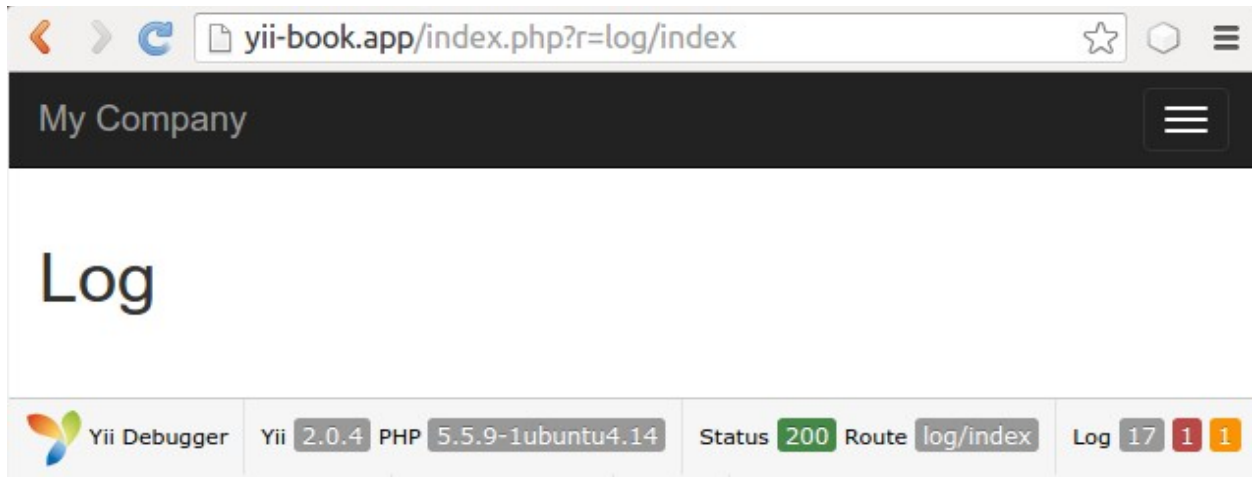
All	Latest	Last 10 ▾	5704b5066eb56: GET http://yii-book.app/index.php?r=log/index

127.0.0.1

Log Messages

Total **17** items.

#	Time	Level	Category	Message
		▾		
...	...	...	...	...
10	07:04:38.455	trace	example	example trace message
11	07:04:38.455	info	example	info
12	07:04:38.455	error	example	error
13	07:04:38.455	trace	example	trace
14	07:04:38.455	warning	example	warning
...	...	...	...	...

Request >

Logs >

Profiling >

Database >

Asset
Bundles >

Mail >

Performance Profiling

Total processing time: **72 ms**; Peak memory: **2.7 MB**.

Total **1** item.

#	Time ↓¹	Duration	Category	Info
1	07:04:38.455	13.7 ms	example	preg_replace

Database Exception – yii\db\Exception

SQLSTATE[42S22]: Column not found: 1054 Unknown column 'allas' in 'where clause'
The SQL being executed was: SELECT * FROM `article` WHERE `allas`='php'

```
Error Info: Array
(
    [0] => 42S22
    [1] => 1054
    [2] => Unknown column 'allas' in 'where clause'
)
```

6.   in /work/Dropbox/SERVER/home/yii-book.app/www/vendor/yiisoft/yii2/db/BaseActiv

7.   in /work/Dropbox/SERVER/home/yii-book.app/www/controllers/ErrorController.php –

```
13
14            return $article->title;
15        }
16
17        private function findModel($alias)
18        {
19            return Article::findOne(['allas' => $alias]);
20        }
21    }
```

8.   in /work/Dropbox/SERVER/home/yii-book.app/www/controllers/ErrorController.php –

```
6     use yii\web\Controller;
7
8     class ErrorController extends Controller
9     {
10        public function actionIndex()
11        {
12            $article = $this->findModel('php');
13
14            return $article->title;
15        }
16
17        private function findModel($alias)
18        {
```

9.   app\controllers\ErrorController::actionIndex()
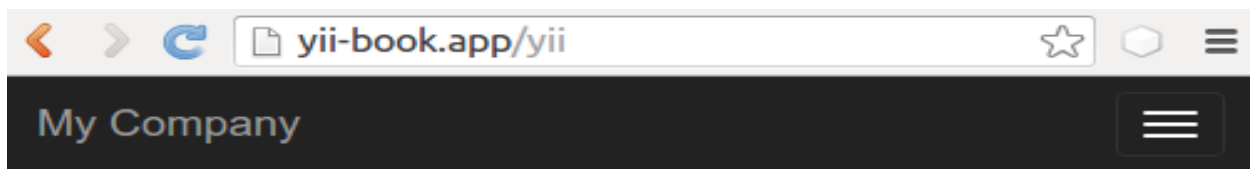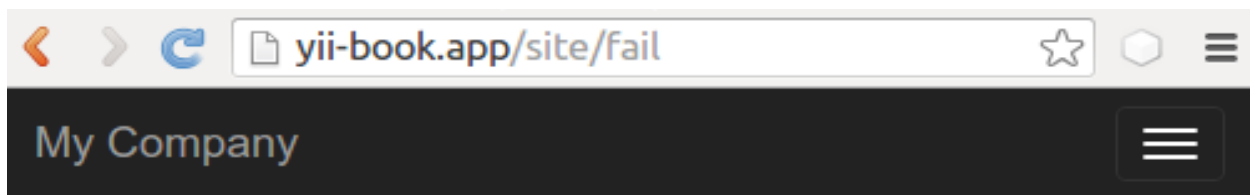
yii-book.app/yii

My Company

Not Found (#404)

Page not found.

The above error occurred while the Web server was processing your request.

Please contact us if you think this is a server error. Thank you.
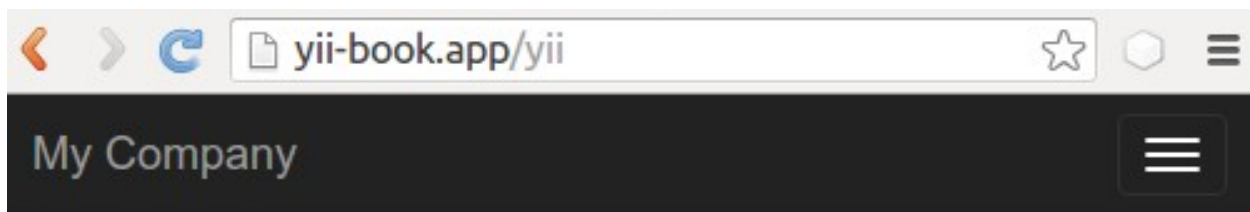
yii-book.app/site/fail

My Company

Internal Server Error (#500)

Error message example.

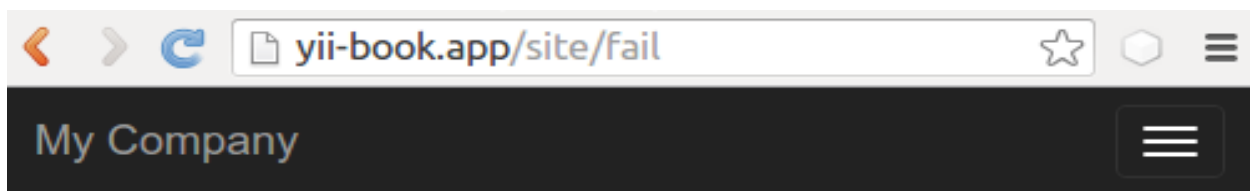The above error occurred while the Web server was processing your request.

Please contact us if you think this is a server error. Thank you.

My Company

Oops!

Sorry, but requested page not found.

Please follow to index page to continue reading. Thank you.

My Company

Internal Server Error (#500)

Error message example.

The above error occurred while the Web server was processing your request.

Please contact us if you think this is a server error. Thank you.

Log 12 | Time 41 ms Memory 2.287 MB | Asset Bundles 5 | Guest Session | ‹

Log 12 | Time 31 ms Memory 2.363 MB | Asset Bundles 5 | User admin <

Configuration	>
Request	>
Logs	>
Profiling	>
Database	>
Asset Bundles	>
Mail	>
User	>

All   Latest   Last 10 ▾   5742b927d21b3: GET

User profile

Id	100
Username	admin