LEARNING

yii

#yii

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About

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Chapter 1: Getting started with yii

Remarks

Yii is a high-performance PHP framework best for developing Web 2.0 applications.

Yii comes with rich features: MVC, DAO/ActiveRecord, I18N/L10N, caching, authentication and role-based access control, scaffolding, testing, etc. It can reduce your development time significantly.

Three steps to build your application rapidly:

1. You create the database;
2. Yii generates the base PHP code;
3. You customize the code to fit your exact needs.

Versions

Release	Release date
1.0	**2008-12-03**
1.0.1	2009-01-04
1.0.2	2009-02-01
1.0.3	2009-03-01
1.0.4	2009-04-05
1.0.5	2009-05-10
1.0.6	2009-06-07
1.0.7	2009-07-05
1.0.8	2009-08-09
1.0.9	2009-09-06
1.0.10	2009-10-18
1.0.11	2009-12-13
1.0.12	2010-03-14
1.1.0	**2010-01-10**

Release	Release date
1.1.1	2010-03-14
1.1.2	2010-05-02
1.1.3	2010-07-04
1.1.4	2010-09-05
1.1.5	2010-11-14
1.1.6	2011-01-16
1.1.7	2011-03-27
1.1.8	2011-06-26
1.1.9	2012-01-01
1.1.10	2012-02-12
1.1.11	2012-07-29
1.1.12	2012-08-19
1.1.13	2012-12-30
1.1.14	2013-08-11
1.1.15	2014-06-29
1.1.16	2014-12-21
1.1.17	2016-01-13
2.0.0	**2014-10-12**
2.0.1	2014-12-07
2.0.2	2015-01-11
2.0.3	2015-03-01
2.0.4	2015-05-10
2.0.5	2015-07-11
2.0.6	2015-08-05
2.0.7	2016-02-14

Release	Release date
2.0.8	2016-04-28
2.0.9	2016-07-11

Source: Yii #History - Wikipedia (note: release 2.0.9 is missing from the Wikipedia article on 2016-07-29)

Examples

Installation or Setup

Setup for Yii 1.1

Step 1 - downloading Yii

Download the Yii framework bundle from the Yii website

Inside the downloaded bundle there are 3 folders, namely:

```
demos
framework
requirements
```

`demos`, as the name suggests contains a number of demo Yii applications.

`framework` contains the Yii framework. This is the main folder we will use for the setup

`requirements` contains code to check if a server meets the requirements for running Yii

Copy the `framework` folder to your local server. It's recommended to keep the `framework` folder in the root directory of your application. In this setup guide we will be using `localhost/yii-setup/` as our root project directory

Step 2 - the command line

Open the command line and enter the framework folder. For this example we would go to

> c:\wamp\www\yii-setup\framework\

We will now use `yiic` to generate a skeleton application. We do this by entering the command:

> yiic webapp path\to\root\directory

Where path/to/root/directory will be the path to your root directory, so in our example the command would be:

> yiic webapp c:\wamp\www\yii-setup\

If you receive an error at this point, your command line is not configured to execute php. You will need to enable php execution from the command line to continue. Otherwise, you will be prompted if you would like to create a new application at the entered path. Press y and hit the return key

Your Yii skeleton application will be created under the specified path

API

- Class Reference - API v1.0
- Class Reference - API v1.1

Read Getting started with yii online: https://riptutorial.com/yii/topic/1029/getting-started-with-yii

Chapter 2: Setting in your main.php file

Examples

How to set main.php file in YII Framework V1.

In the versions of YII Framework Version 1.

You will set your main.php File.

File Path : **application_name/protected/config/main.php**

```php
<?php
return array(
    // Set Application Name
    'name'              => "Applicaiton Name",

    // Set Default Controller
    'defaultController' => 'site/login',

    // Set Language
    'language'          => 'in',

    // Set Language for messages and views
    'sourceLanguage'    => 'en',

    // Set Time Zone
    'timeZone' => 'Asia/Calcutta',

    //Charset to use
    'charset'=>'utf-8',

    // preloading 'log' component
    'preload'=>array('log'),

    //application-level parameters that can be accessed
    'params'=> array(
        $documentUrl = $baseUrl,    // Document URL
        $documentPath = $_SERVER['DOCUMENT_ROOT'] . '/', // Document Path
    ),
);
?>
```

List of Supported Time Zones - PHP

How to remove index.php in url.

Removed the commented lines for rewrite in httpd.conf file.

```
LoadModule rewrite_module modules/mod_rewrite.so
```

You can modify **.htaccess** file your application folder.

```
RewriteEngine on

# if a directory or a file exists, use it directly
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d

# otherwise forward it to index.php
RewriteRule . index.php
```

after you can change your **main.php** file code.

```php
<?php
return array(
    // application components
    'components'=>array(
            // uncomment the following to enable URLs in path-format
            'urlManager'=>array(
                'urlFormat'=>'path',
                'showScriptName'=>false,
                'rules'=>array(
                    '<controller:\w+>/<id:\d+>'=>'<controller>/view',
                    '<controller:\w+>/<action:\w+>/<id:\d+>'=>'<controller>/<action>',
                    '<controller:\w+>/<action:\w+>'=>'<controller>/<action>',
                ),
                'urlSuffix'=>'.html',
                'caseSensitive'=>false
            ),
    ),
);
?>
```

Read Setting in your main.php file online: https://riptutorial.com/yii/topic/6143/setting-in-your-main-php-file

Chapter 3: Yii Booster

Examples

Installation

First of all download Yii Booster latest end user bundle from here.

Download it, unpack its contents to some directory inside your web application. Its recomended to unpack it to the extensions directory. Rename the folder from yiibooster-<version_number> to just yiibooster for convenience.

Then we need to configure it. Add below line before return array

```
before return array
```

Inside components array add:

```
'bootstrap' => array(
    'class' => 'booster.components.Booster',
),
```

Then preload the yii booster by adding below snippet in the config preload section

```
'preload' => array(
    ... probably other preloaded components ...
    'bootstrap'
),
```

Read Yii Booster online: https://riptutorial.com/yii/topic/6369/yii-booster

Credits

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1	Getting started with yii	Brett Gregson, Community, Oladapo Omonayajo, Rohit Suthar, webeno
2	Setting in your main.php file	Fabian H., NikuNj Rathod
3	Yii Booster	Mohan Rex