DOKUMENTATION OF THE "YII HEART "

Version 1.1 (14/Mei/2014)
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CREATE PROFESSIONAL WEB APPLICATION IN MINUTES, ARE YOU READY?

What is the Yii Heart

Yii heart is extension base on wonderfull widget as known as Yiibooster. It for improve result of automatic generation code / gii from yiibooster default be a amazing generation code ☺, so You will get view yiibooster ready. At default gii only generate Model and Create Reate Update n Delete, but in YiiHeart you will get CRUD++++, plus export – import – editable – calendar without type code anymore. With YiiHeart You can create a project by fast, smart, beautiful.. Create Professional Web Application in Minutes, Are You Ready?

Features of the Yii Heart

- ❖ Gii improved for yiibooster
- ❖ Gii batch CRUD generator (direct generete crud of all model)
- ❖ Export to excel, html, pdf, word
- ❖ Import from excel
- ❖ Calendar agenda
- ❖ Soft delete (not really delete, only update field and hidden from view)

Changelog

- ❖ Version 1.1 (14 Mei 2014)
  - ▪ New concept, be a extension.
  - ▪ Focus to improve gii of yiibooster
  - ▪ Minimimize config in the Yii main config
  - ▪ Simplification and modification some extension
  - ▪ Add word doc export feature
  - ▪ Add batch generate crud feature
  - ▪ Add theme feature
  - ▪ Add calendar feature
  - ▪ Not depend on right extension (optional)
- ❖ Version 1.0 (19 April 2014)
  - ▪ Initial release
  - ▪ Yiiboilerplate that have feature gii+++ (+editable, export and import : excel-html-)

Requirement

❖ Yii 1.1.14 (https://yiiframework.com)
❖ Yiibooster 2.1.1 (http://sourceforge.net/projects/yiibooster/files/)
❖ PHPExcel Version 1.8.0 (http://www.codeplex.com/PHPExcel)
❖ TinyButStrong with opentbs 1.9.0 (http://www.tinybutstrong.com)
❖ FullCalendar v2.0.0-beta2 (http://arshaw.com/fullcalendar/)
❖ ~~Right Extension 1.3.0.r147 (little modified so like bootstrap) optional~~
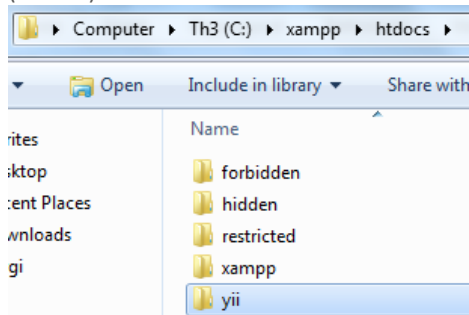
Why Should Use Yii Heart?

If You use yiibooster, You should use this tool, because it will increase your speed to create a project. YiiHeart help You maximize and explore feature of the YiiBooster, minimize repetition code. With YiiHeart, You needn't think about view, yes because it will create to You fantastic view.

Many library have wrapped, for example phpexcel, word, pdf. So All of your requirement to create a project have available in this tools.
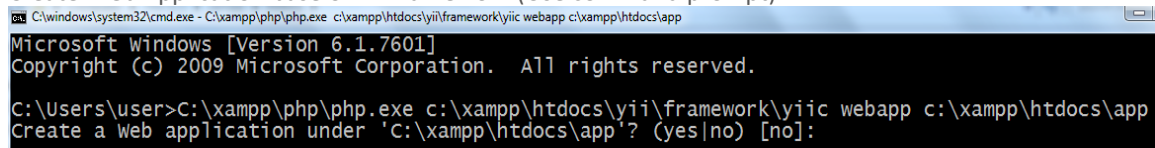
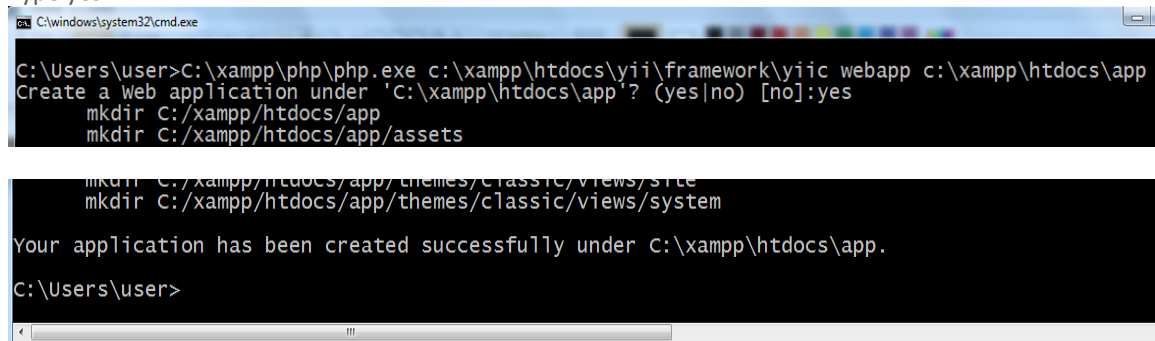We hope You get have fun coding ☺

Installation

1. Download YiiFramework 1.1.14 from http://yiifarmework.com/downloads/ an extract to Your web root (htdocs)
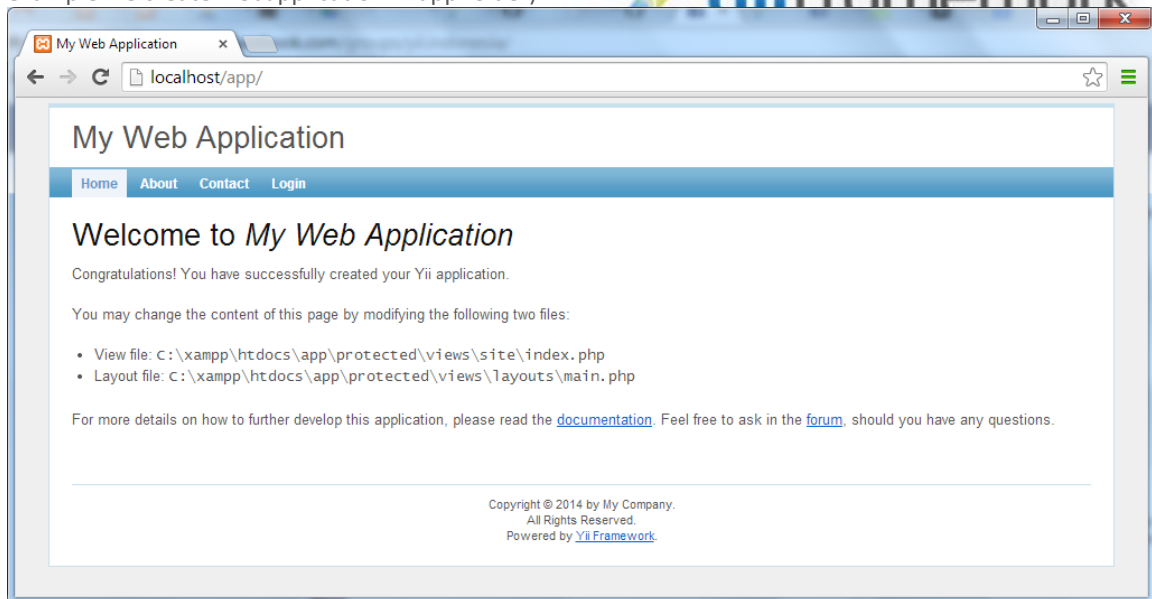

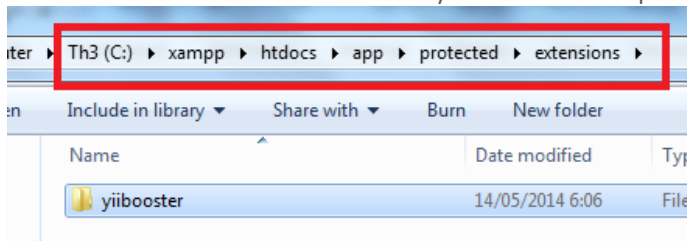2. Create Web Application base on YiiFramework (Use command prompt)

Type yes

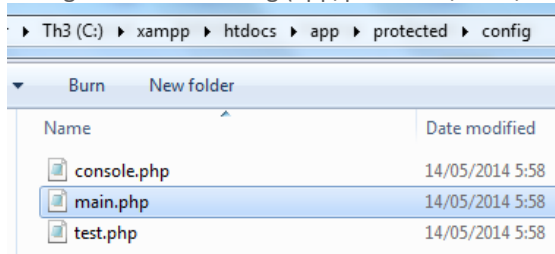Open browser and check your installation. Type in address bar of browser http://localhost/app (for example we create webapplication in app folder)

3. Download Yiibooster 2.1.1 from http://sourceforge.net/projects/yiibooster/files and extract to extension directory of Your web aplication
   We use this version because this is really stable version at present. Many bug in version 3.xx

4. Configure on main config (app/protected/main/config.php) of web applications so yiibooster ready
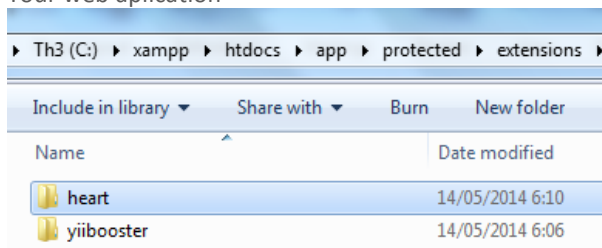
```
...
// preloading 'log' component
'preload'=>array('log','bootstrap'),
// path aliases
'aliases' => array(
    'bootstrap' => realpath(__DIR__ . '/../extensions/yiibooster'),
),
...
'components'=>array(
    ...
    'bootstrap' => array(
        'class' => 'bootstrap.components.Bootstrap',
        //'responsiveCss'=>false,
        'fontAwesomeCss'=> true,
        'minify'=>true,
    ),
    ...
```

5. Download YiiHeart 1.1 from https://github.com/hscstudio/yiiheart and extract to extension directory of Your web aplication

Name	Date modified
heart	14/05/2014 6:10
yiibooster	14/05/2014 6:06

Th3 (C:) ▶ xampp ▶ htdocs ▶ app ▶ protected ▶ extensions ▶

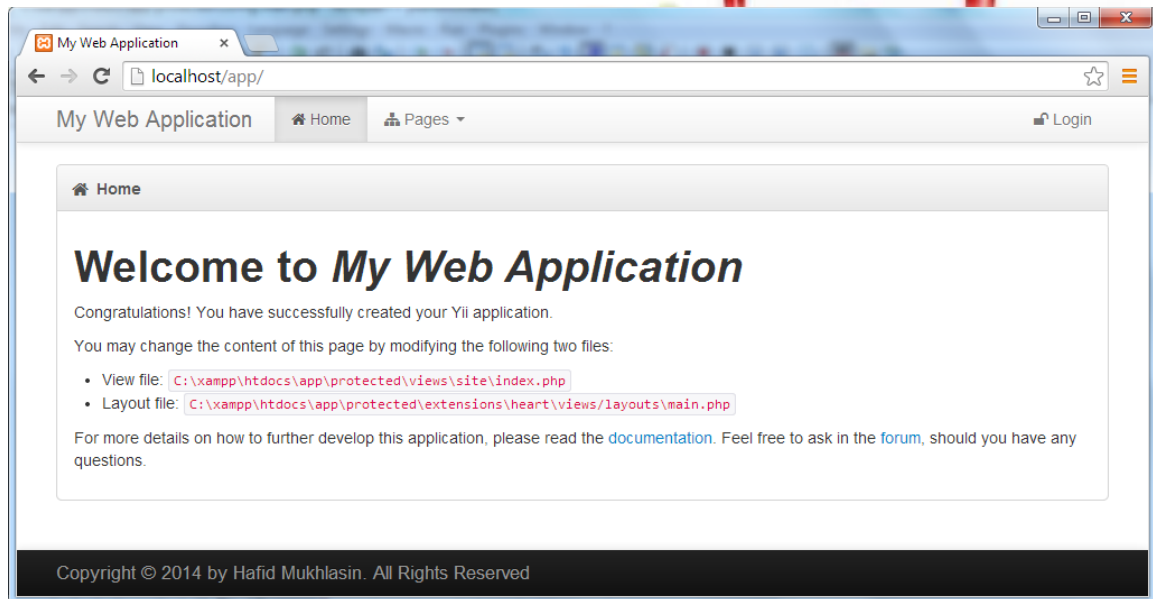Include in library ▼   Share with ▼   Burn   New folder

6. Configure on main config of web applications so yiiheart ready

```
...
'theme'=>'heart',
...
'modules'=>array(
    ...
    'gii'=>array(
        ...
        'generatorPaths' => array('ext.heart.gii'),
    ),
    ...
),
...
'components'=>array(
    ...
    'themeManager' => array(
        'basePath' => 'protected/extensions',
    ),
    ...
```

7. Please check Your installation via web browser http://localhost/app

Wow.. yiibooster and yiiheart ready without coding anymore.. Yes You get it only follow this instruction.

8. done

Folder Management

Yiiheart should located in extension directory of Your web application, same with Yiibooster.

❖ calendar folder contain extension of fullcalendar (EHeartCalendar – modified of EfullCalendar)
❖ excel folder contain extension of phpexcel (EHeartExcel – modified of XPHPExcel)
❖ export folder contain export extension (EHeartExport – modified of EExcelView)
❖ gii folder contain gii++++ extension (improve yiibooster gii)
❖ opentbs folder contain opentbs extension (EHeartOpenTBS – inspired of XPHPExcel)
❖ pdf folder contain pdf extension – wrapper tcpdf library (EHeartPDF – inspired of XPHPExcel)
❖ vendors folder contain libraries that supported extension (phpexcel, tcpdf, opentbs, dll) not modification yet alias origin
❖ views folder is theme of the application

Rule for Maximize usage Yii Heart

To maximize usage this tool You should follow this rule:

About Database

- ❖ Please use singular english for database, tabel, and field name, and lowercase please. For example: table of employee, should You type **tb_employee** not tb_employees, tb_karyawan, or tb_wow (very out of the box).
- ❖ Table name should have prefix **tb_** or **tbl_** for main table and **ref_** for reference table and lowercase please, for example: tb_training, tbl_employees, ref_religion
- ❖ Use lowercase for field name, if consist 2 word or mor You should capitalize it. For example: title (not Title or TITLE), name, birtDay (not BirtDay), etc
- ❖ Field name for primary key should **id**
- ❖ Field name that should available in table is **name** or **title,**
- ❖ If You want use calendar, You should use field type **date** in table (min 1 field).
- ❖ Field name for foreign key should use prefix table name of foreign table. For example: ref_religion_id, tb_training_id
- ❖ Please add default field at Your table, theay are: created, createdBy, modified, modifiedBy, deleted, deletedBy.
- ❖ I suggest You when desain database structure with MySQL Workbench (this professional tools) and this rule appropriate with this tools.

About Generator

- ❖ For access generator (Heart Gii) You can type on Your addrees bar browser: http://localhost/yourapplication/index.php?r=gii
- ❖ You will redirect to Gii login page, type Your password and login.
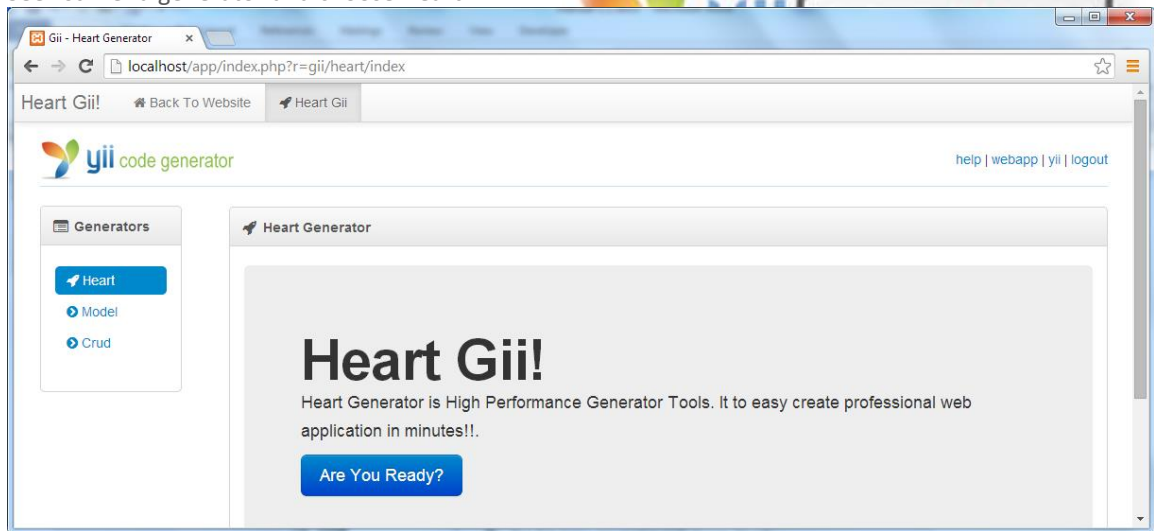- ❖ After login, You will redirect to dashboard of the default Gii.

Welcome to Yii Code Generator!

You may use the following generators to quickly build up your Yii application:

- Controller Generator
- Crud Generator
- Form Generator
- Model Generator
- Module Generator
- Heart Generator

❖ See list menu generator and choose Heart

❖ You can create model+ and crud++++ in here

to be continued

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