



DOCUMENTATION OF THE “YII HEART ”

Version 1.1 (14/Mei/2014)

by Hafid Mukhlisin (milisstudio [at] gmail dot com)

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
 - Minimize 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~~

<https://github.com/hscstudio/yiiheart>
<http://www.yiiframework.com/extension/yiiheart/>



Why Should Use Yii Heart?

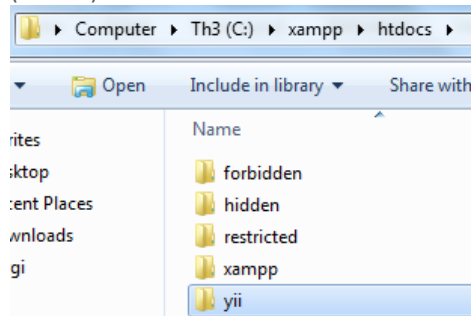
If You use yii booster, You should use this tool, because it will increase your speed to create a project. YiiHeart help You maximize and explore feature of the YiiBooster, minimize repetition code. With YiiHeart, You needn't think about view, yes because it will create to You fantastic view.

Many library have wrapped, for example phpxcel, word, pdf. So All of your requirement to create a project have available in this tools.

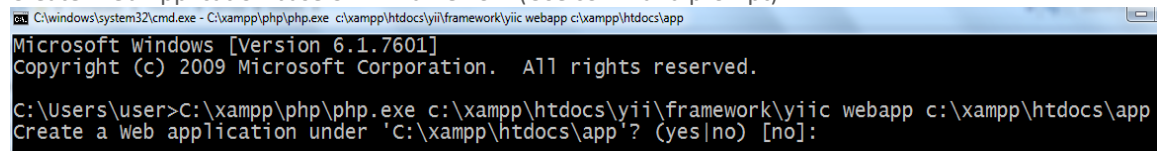
We hope You get have fun coding ☺

Installation

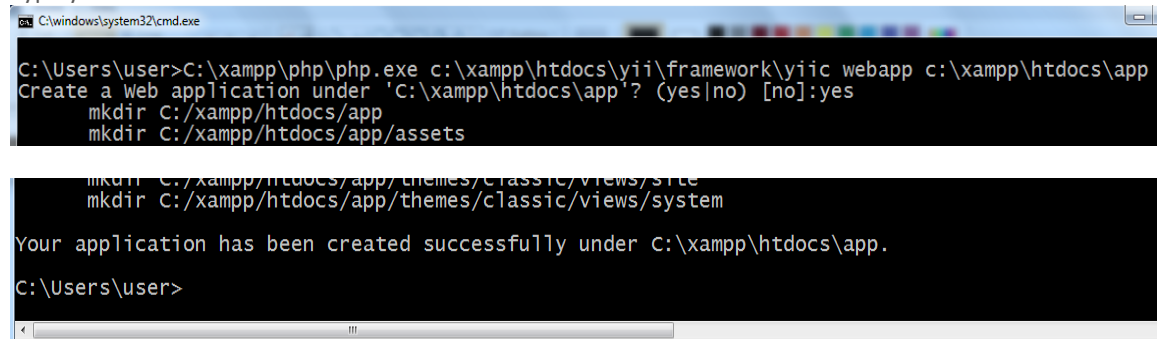
1. Download YiiFramework 1.1.14 from <http://yiiframework.com/downloads/> an extract to Your web root (htdocs)



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



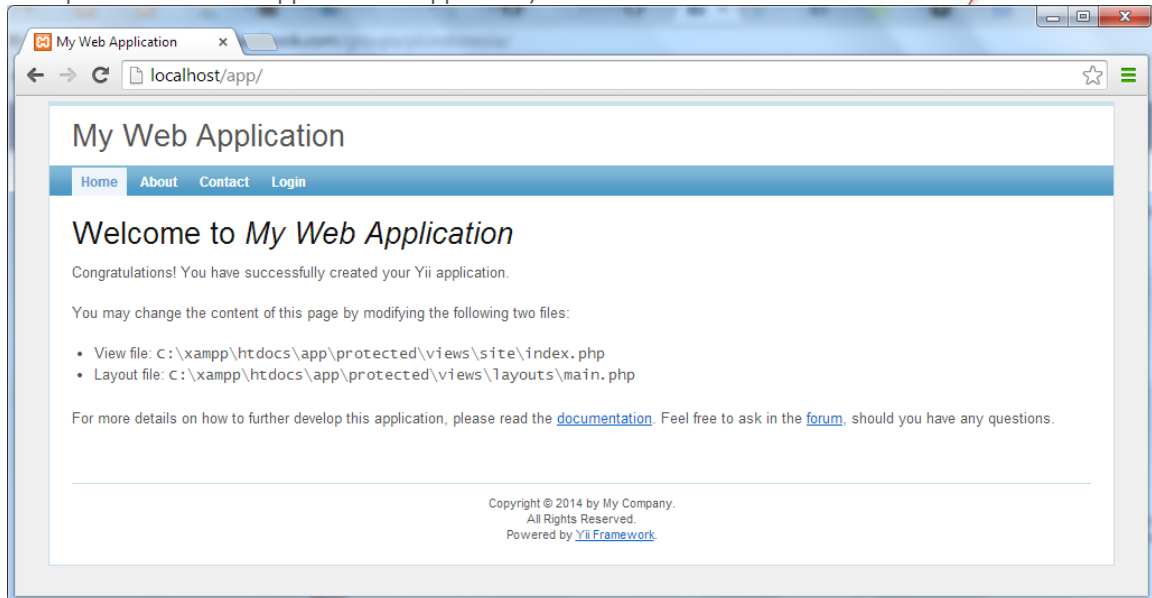
Type yes



<https://github.com/hscstudio/yiiheart>
<http://www.yiiframework.com/extension/yiiheart/>

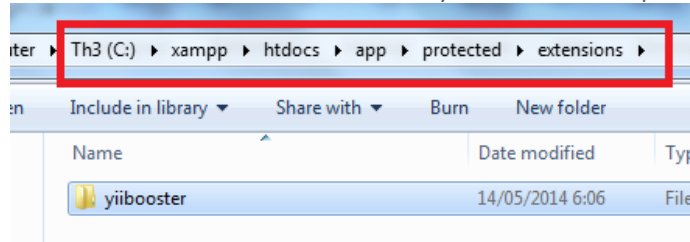


Open browser and check your installation. Type in address bar of browser <http://localhost/app/> (for example we create webapplication in app folder)

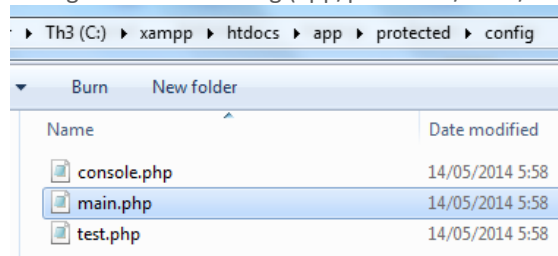


3. Download Yii booster 2.1.1 from <http://sourceforge.net/projects/yii booster/files> and extract to extension directory of Your web application

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 yii booster ready

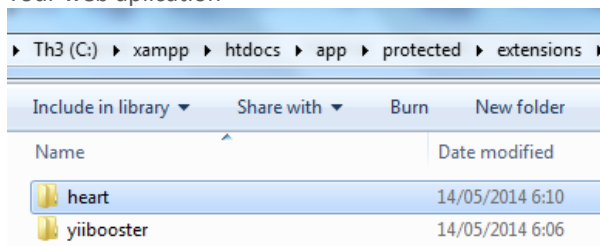


<https://github.com/hscstudio/yiiheart>
<http://www.yiiframework.com/extension/yiiheart/>



```
...
// preloading 'log' component
'preload'=>array('log','bootstrap'),
// path aliases
'aliases' => array(
    'bootstrap' => realpath(__DIR__ . '/../extensions/yiibootstrap'),
),
...
'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 application

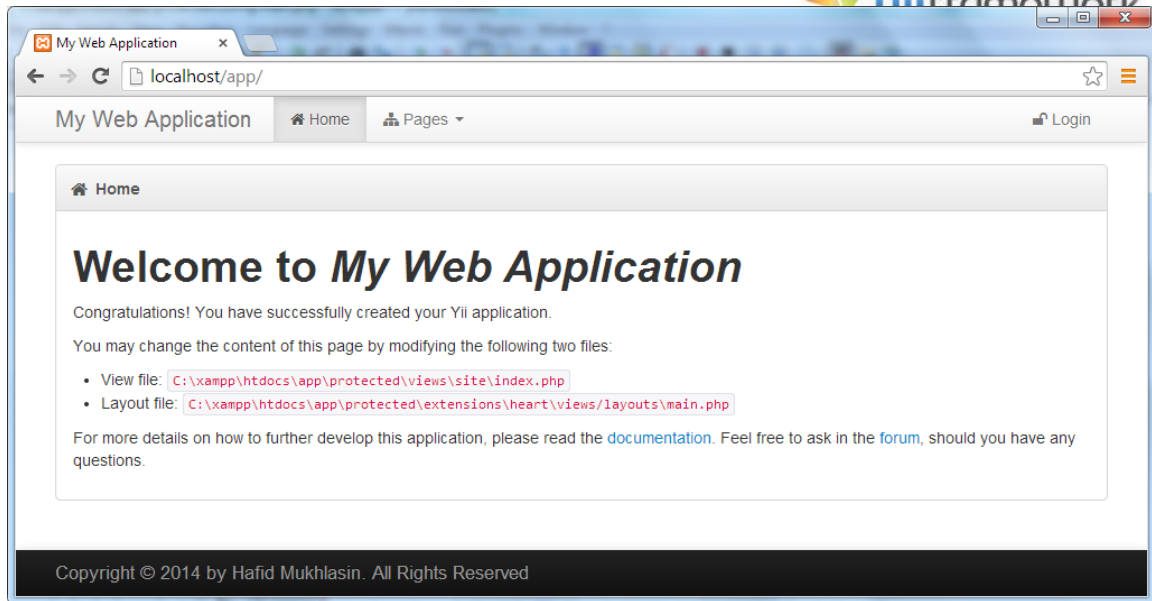


6. Configure on main config of web applications so yiiheart ready

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

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

<https://github.com/hscstudio/yiiheart>
<http://www.yiiframework.com/extension/yiiheart/>

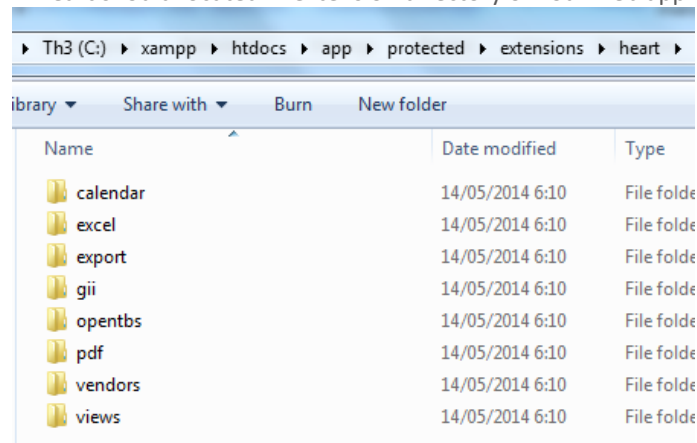


Wow.. yii booster and yii heart ready without coding anymore.. Yes You get it only follow this instruction.

8. done

Folder Management

Yii heart should located in extension directory of Your web application, same with Yii booster.



- ❖ 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 yii booster 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, they 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

Prepare Data

- ❖ Create a database, for example "heartdb.sql" it contains 3 table, they are tb_training, tb_employee, tb_religion. tb_religion and tb_employee have relation one to many..
- ❖ Use dummy data in heart/heartdb.sql, and import to database
- ❖ Connect your application to database, please edit Your main config with comment sqlite and uncomment mysql, for example

```
/*'db'=>array(  
    'connectionString'=>'sqlite:'.dirname(__FILE__).'../data/testdrive.db',  
),*)  
// uncomment the following to use a MySQL database  
'db'=>array(  
    'connectionString'=>'mysql:host=localhost;dbname=heartdb',  
    'emulatePrepare'=>true,  
    'username'=>'root',  
    'password'=>'',  
    'charset'=>'utf8',  
),)
```

- ❖ Activate Gii to generate code automatically, uncomment gii, add generatorPath to ext.heart.gii

```
'modules'=>array(  
    // uncomment the following to enable the Gii tool  
    'gii'=>array(  
        'class'=>'system.gii.GiiModule',  
        'password'=>'rahasia',  
        // If removed, Gii defaults to localhost only. Edit carefully to taste.  
        'ipFilters'=>array('127.0.0.1','::1'),  
        'generatorPaths' => array('ext.heart.gii'),  
    ),  
)
```

- ❖ done

Access Gii

- ❖ 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.

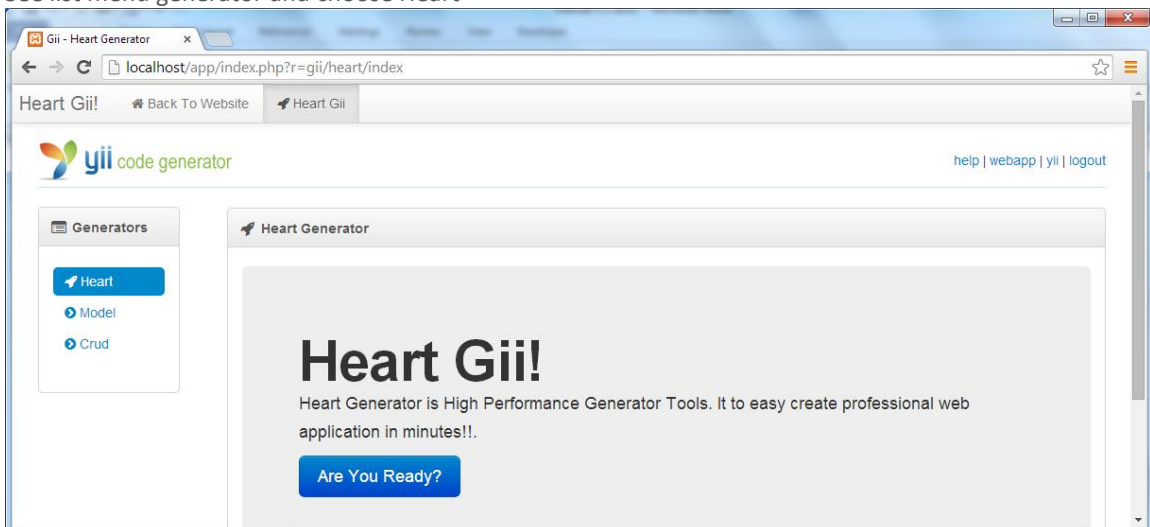
<https://github.com/hscstudio/yiiheart>
<http://www.yiiframework.com/extension/yiiheart/>



- ❖ After login, You will redirect to dashboard of the default Gii.



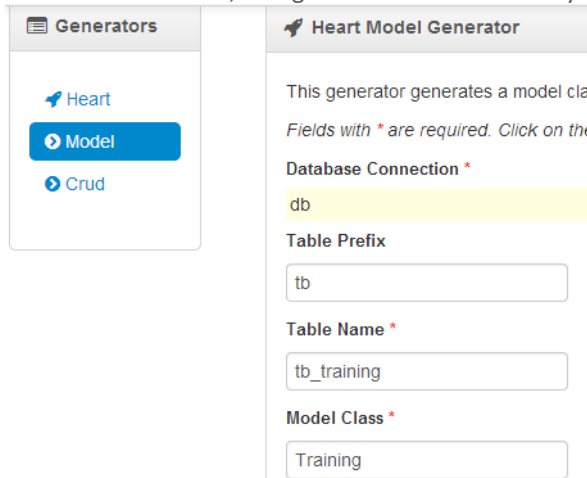
- ❖ See list menu generator and choose Heart



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

Generate Model

- ❖ Choose menu Model, And generate All model one by one





- ❖ Or You can generate all model with one click by input * to field table name

Generators

Heart

Model

Crud

Heart Model Generator

This generator generates a model class for the specified database table.

Fields with * are required. Click on the highlighted fields to edit them.

Database Connection *

db

Table Prefix

tb

Table Name *

*

Base Class *

CActiveRecord

Model Path *

application.models

Build Relations

☒

This refers to the table name that a new model class should be generated for (e.g. `tbl_user`). It can contain schema name, if needed (e.g. `public.tbl_post`). You may also enter `*` (or `schemaName.*` for a particular DB schema) to generate a model class for EVERY table.

- ❖ But in this tutorial, I generate one by one

The code has been generated successfully.

Generating code using template "C:\xampp\htdocs\app\protected\extensions\heart\yii\model\templates\default"...
generated models\Religion.php
done!

- ❖ done

Generate Crud

- ❖ Choose menu Crud, And generate All crud one by one

Generators

Heart

Model

Crud

Heart Crud Generator

This generator generates a controller :

Fields with * are required. Click on the

Normal Generator

Type *

Normal

Model Class *

Controller ID *



- ❖ Choose type of crud, Normal (1) or Parent (2) or Child(3)

Normal Generator

Type *

Normal

Normal

Parent

Child

Crud normal is crud normally

Crud parent is crud that have child

Crud child is crud that depend on crud parent

Oke for example, You have 2 tabel, tb_training and tb_training_student. Tb_training is table parent of the tb_student. In crud simulation, You only can access crud TrainingStudent after You choose a Training.

- ❖ And then you input Model Class and Controller Id, please use path to Controller Id to easier manage Your application

Normal Generator

Type *

Normal

Model Class *

Training

Controller ID *

test/training

In above example use path test, so Crud will generate code to folder test (protected/views/test/training and protected/controller/test/)

- ❖ Then click button Preview

Preview Generate

Code File	Generate <input checked="" type="checkbox"/>
controllers\test\TrainingController.php	new <input checked="" type="checkbox"/>
views\test\training_form.php	new <input checked="" type="checkbox"/>
views\test\training_menu.php	new <input checked="" type="checkbox"/>
views\test\training_search.php	new <input checked="" type="checkbox"/>
views\test\training_view.php	new <input checked="" type="checkbox"/>
views\test\training\admin.php	new <input checked="" type="checkbox"/>
views\test\training\calendar.php	new <input checked="" type="checkbox"/>
views\test\training\create.php	new <input checked="" type="checkbox"/>
views\test\training\index.php	new <input checked="" type="checkbox"/>
views\test\training\update.php	new <input checked="" type="checkbox"/>
views\test\training\view.php	new <input checked="" type="checkbox"/>

- ❖ Then click button Generate

<https://github.com/hscstudio/yiiheart>
<http://www.yiiframework.com/extension/yiiheart/>



The controller has been generated successfully. You may [try it now](#).

```
Generating code using template "C:\xampp\htdocs\app\protected\extensions\yiiheart\controllers\test\TrainingController.php"
generated controllers\test\TrainingController.php
generated views\test\training\_form.php
generated views\test\training\_menu.php
generated views\test\training\_search.php
generated views\test\training\_view.php
generated views\test\training\admin.php
generated views\test\training\calendar.php
generated views\test\training\create.php
generated views\test\training\index.php
generated views\test\training\update.php
generated views\test\training\view.php
done!
```

❖ You can try with access <http://localhost/app/index.php?r=test/training>

p/index.php?r=test/training

My Web Application Home Admin Pages

Home / Trainings

List Trainings Training

You may optionally enter a comparison operator (<, >, >=, <= or =) at the beginning of each of your search values to specify how the comparison should be done.

Advanced Search

No	Name	Start	Finish	Note	Status
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

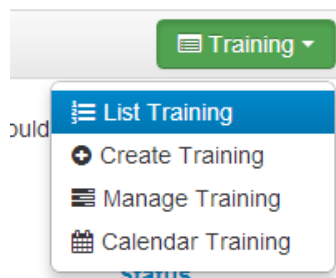
No results found.

EXCEL 5 (xls)

Export

Bootstrap ready kaka.... ☺

Please access menu (button with color green).



➤ Choose menu : Create Training



+ Create Trainings

Fields with * are required.

Name *

Oracle Database 11g: Administration I Release 2

Start

2014-05-19

Finish

« Mei 2014 »

Sn	Sl	Ra	Ka	Ju	Sa	Mg
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

Note

Training ini merupakan salah satu langkah untuk memulai dalam administrasi database.

Status

ON

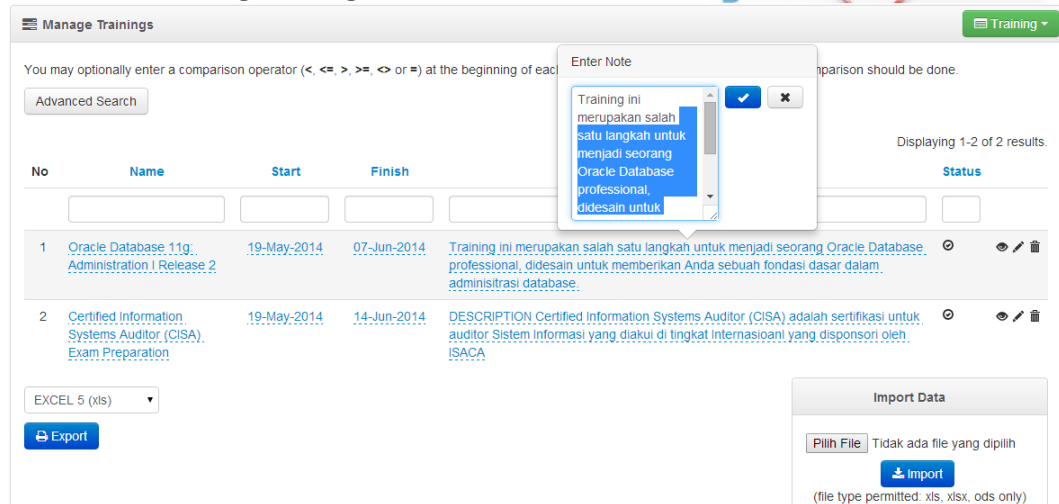
Yes.. auto detect field type without coding anymore
then Klik button save. So redirect to view

View Trainings #1

Well done! You successfully create data

ID	1
Name	Oracle Database 11g: Administration I F
Start	Monday, 5 May 2014
Finish	Saturday, 6 June 2014
Note	Training ini merupakan salah satu langk dasar dalam adminisitrasi database.
Status	on
Created	5 May 2014 16:35:39
Created By	0
Modified	1 January 1970 01:00:00
Modified By	Not set
Deleted	1 January 1970 01:00:00
Deleted By	Not set

➤ Choose menu : Manage Training



Manage Trainings

You may optionally enter a comparison operator (<, <=, >, >=, <> or =) at the beginning of each search term. To clear all search filters, click on Reset Filters button below the search results table.

Advanced Search

No	Name	Start	Finish	Status
1	Oracle Database 11g: Administration I Release 2	19-May-2014	07-Jun-2014	Training ini merupakan salah satu langkah untuk menjadi seorang Oracle Database professional, didesain untuk memberikan Anda sebuah fondasi dasar dalam administrasi database.
2	Certified Information Systems Auditor (CISA) Exam Preparation	19-May-2014	14-Jun-2014	DESCRIPTION Certified Information Systems Auditor (CISA) adalah sertifikasi untuk auditor Sistem Informasi yang diakui di tingkat Internasional yang disponsori oleh ISACA

EXCEL 5 (xls)

Export

Import Data

Pilih File Tidak ada file yang dipilih

Import

(file type permitted: xls, xlsx, ods only)

Editable ready, You can edit inplace.. without coding anymore..

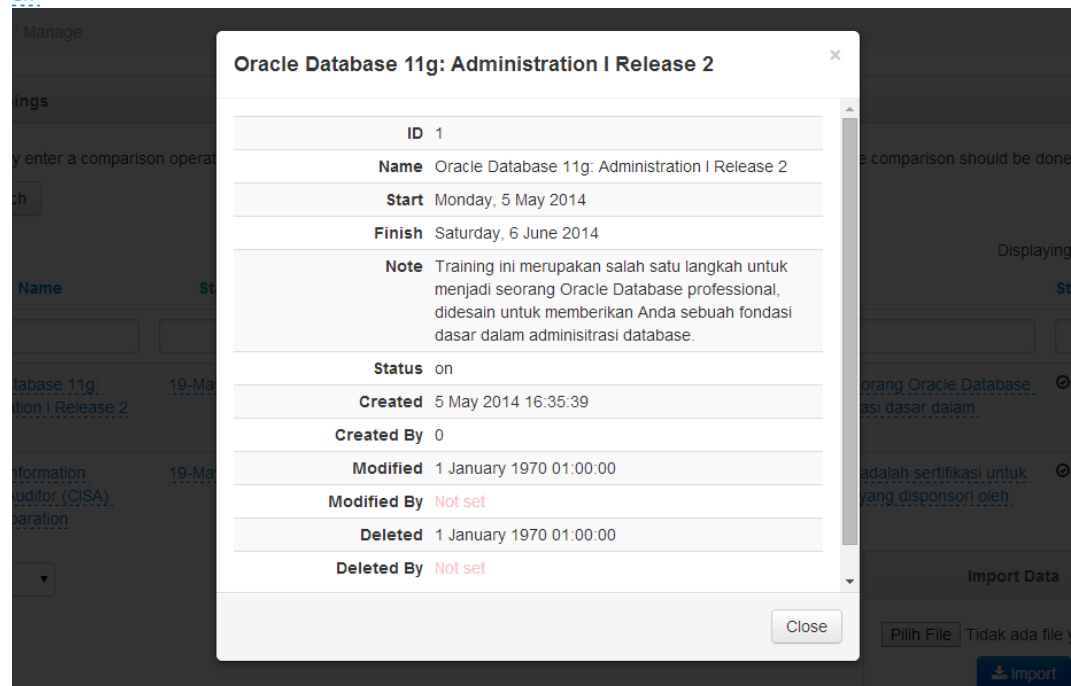
Or You can see detail.. with click icon eye

Displaying 1-2 of 2 results.

Status

base

untuk eh



Oracle Database 11g: Administration I Release 2

ID	1
Name	Oracle Database 11g: Administration I Release 2
Start	Monday, 5 May 2014
Finish	Saturday, 6 June 2014
Note	Training ini merupakan salah satu langkah untuk menjadi seorang Oracle Database professional, didesain untuk memberikan Anda sebuah fondasi dasar dalam administrasi database.
Status	on
Created	5 May 2014 16:35:39
Created By	0
Modified	1 January 1970 01:00:00
Modified By	Not set
Deleted	1 January 1970 01:00:00
Deleted By	Not set

Close

Popup message contains detail of the item... without coding anymore

Feature export ready.. wow 😊 generate data to many format EXCEL, PDF, HTML, WORD



The screenshot shows a Microsoft Excel window titled 'List of Training.xlsx [Protected View] - Microsoft Excel'. The ribbon includes 'File', 'Home', 'Insert', 'Page Layout', 'Formulas', 'Data', 'Review', 'View', 'Add-Ins', and 'Acrobat'. A yellow warning bar at the top states: 'Protected View This file originated from an Internet location and might be unsafe. Click for more details. [Enable Editing]'. The active cell is D7. Below the warning bar, a table is visible with the following data:

	A	B	C	D	E
1	ID	Name	Start	Finish	Note
2	1	Oracle Database 11g: Administration I Release 2	2014-05-19	2014-06-07	Training ini merupakan salah satu langkah un
3	2	Certified Information Systems Auditor (CISA) Ex	2014-05-19	2014-06-14	DESCRIPTION Certified Information Systems
4					
5					

Calendar

Training

< > today

May 2014

month week day

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24

Certified Information Systems Auditor (CISA) Exam Preparation
Oracle Database 11g: Administration I Release 2

- ❖ Oke done this is fantastic, isnt?
- ❖ But I will show You other fantastic feature.. It is Batch Crud Generator, generate all crud with one click

<https://github.com/hscstudio/yiiheart>
<http://www.yiiframework.com/extension/yiiheart/>



- ❖ Back to Gii, choose Crud, Click Batch Generator

- ❖ Download template generator (xlsx)

No	ModelType	Model	Controller	ModelParent	ControllerParent
1	Employee	test/Employee	-	-	-
2	Religion	test/Religion	-	-	-
3	Training	test/Training	-	-	-

Crud have identify all off Your model in Your application.. so You only few change.. Click enable editing, save

- ❖ Browse file that excel..

<https://github.com/hscstudio/yiiheart>
<http://www.yiiframework.com/extension/yiiheart/>



Click Generate

Preview Generate

Code File	Generate <input type="checkbox"/>
controllers\test\EmployeeController.php	new <input checked="" type="checkbox"/>
views\test\employee_form.php	new <input checked="" type="checkbox"/>
views\test\employee_menu.php	new <input checked="" type="checkbox"/>
views\test\employee_search.php	new <input checked="" type="checkbox"/>
views\test\employee_view.php	new <input checked="" type="checkbox"/>
views\test\employee\admin.php	new <input checked="" type="checkbox"/>
views\test\employee\calendar.php	new <input checked="" type="checkbox"/>
views\test\employee\create.php	new <input checked="" type="checkbox"/>
views\test\employee\index.php	new <input checked="" type="checkbox"/>
views\test\employee\update.php	new <input checked="" type="checkbox"/>
views\test\employee\view.php	new <input checked="" type="checkbox"/>
controllers\test\ReligionController.php	new <input checked="" type="checkbox"/>
views\test\religion_form.php	new <input checked="" type="checkbox"/>

All crud have generate.. wow..

❖ Done

Jakarta – Indonesia
14 May 2014 17:02 GMT+7

Hafid Mukhlisin (milisstudio@gmail.com)
Th3Pr0f3550r