

# SXIMO 5 LTS

## USERS GUIDE

# Copyright

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## About The Author

**Taufik Firmansyah ( Mangopik )** is just an ordinary programming hobbies . He live in Bandung , Indonesia . He has been developing software for almost 10 years . **Mangopik** is a Web Programming specialist , especialyst PHP , MySQL , JQuery and HTML 5

He Has been working with number of company on indonesia before he decide to write sximo 5 script . Now , He is CEO of his own Company **Mangopik LTD**

**Mangopik** has been using Sximo 5 to work in his personal and company projects , then he decide to share sximo 5 script to others programming because he thought it maybe help them to save a ton of time while building project for they clients.

You can tweet Him at [@sximobuilder](#) or e-mail him at [sximobuilder@gmail.com](mailto:sximobuilder@gmail.com)

## Introducing Sximo 5

The Real framework environment to Build Backend Administrator & Frontend for real Internet / Intranet web application with a tons of additional cms plugin possibility.

SximoBuilder is a powerful automation tool that can generate a full set of PHP quickly from MySQL. You can instantly create web sites that allow users to view, edit, search, add and delete records on the web. SximoBuilder is designed for high flexibility, numerous options enable you to generate PHP applications that best suits your needs. The generated codes are clean, straightforward and easy-to-customize. SximoBuilder can save you tons of time and is suitable for both beginners and experienced developers alike

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# 1

## Getting Started

### System Requirement

To make Sximo Builder running on your , you need to make sure your server match with minimum requirement

- Apache, nginx, or another compatible web server. PHP >= 5.5.9 >> Higher
- MySQL Database server
- OpenSSL PHP Extension
- Mbstring PHP Extension
- Tokenizer PHP Extension
- Module Re\_write server
- PHP\_CURL Module Enable

### Installation

Preparing Installation

**Download ZIP package and unzip it.**

Name	Date modified	Type	Size
database	03/02/2017 17.20	File folder	
documentation	01/02/2017 07.55	File folder	
sximo518	03/02/2017 17.25	WinRAR ZIP archive	30.434 KB

Inside unzipped folder you will find folder directory like bellow.

```
sximo5xxx.zip
database
documentation
```

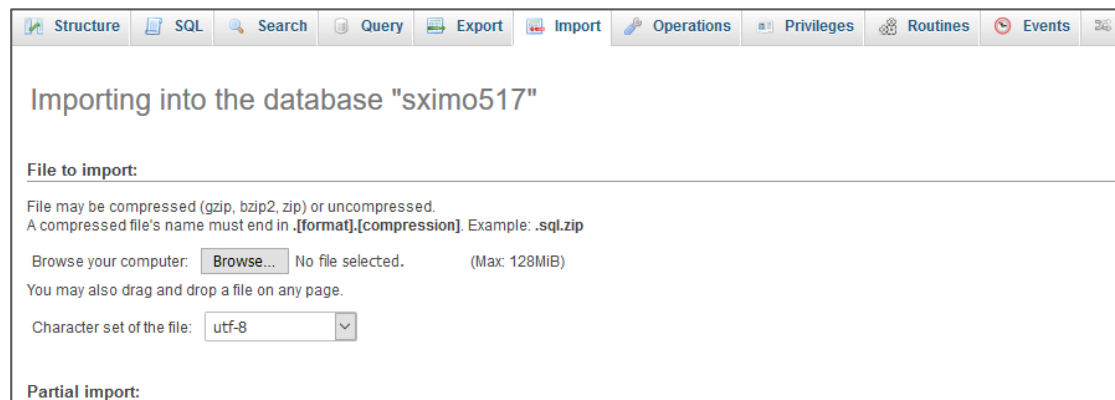
Create new app directory on your web directory server

Simply put all files inside directory sximo5xx to your app folder.

# Create new database installation

You need to **create new database** , you can use phpmyadmin or any mysql database tools such maestro , sqlyog etc

After new database created , now import **database/database.sql** file into your new database



## Configuration Installation

1. Open config/app.php file using your favorite php editor
2. **Setting Url And Licence**  
'url' => 'http://127.0.0.1/yourapp/public',

3. **Setting Database Info**  
Open .env file using your favorite php editor

4. **Access your application**  
Now access your application via your favorite browser  
<http://127.0.0.1/myapp/public>

Default Login :

Email Address : superadmin@mail.com

Password : password

5. **Files Folder permission**  
please make sure to set permission to 0775 at following file and folder on linux/unix server

```
/app/Http/Controllers/  
/app/Http/Models/  
/resources/views/  
/setting.php  
/storage/logs/  
/storage/views/  
/storage/sessions/
```

## 6. Troubleshoot

Page not found after click any link

You need to make sure enabling module apache re\_write module to make sure htaccess working

## Setting Up Application

After your successfull install your application , now you need to setting your app .  
Log to your application and go to :

**Control Panel -> Setting**

you will find tab option at setting page

### General Setting

Use this information for your company info and other general info

The screenshot shows the 'General Settings' page in the Sximo5 Builder application. The left sidebar contains a navigation menu with categories like 'NATIVE GENERATED CRUD', 'AJAX GENERATED CRUD', and 'CUSTOMIZED MODULES'. The main content area is titled 'General Settings' and includes tabs for 'General Settings', 'Email Templates', 'Login & Security', 'Translation', and 'Clear All Caches'. The 'General Settings' tab is active, displaying various configuration fields: 'Application Name' (Sximo 5.1.8), 'Application Desc' (PHP Application Builder), 'Company Name' (Sximo5), 'Email System' (info@mycompanyname.com), 'Date Format' (m/d/Y), 'Metakey' (my site, my company, Larvel Crud), 'Meta Description' (Write description for your site), 'Multit language' (checked), 'Main Language' (English), 'Backend Logo' (Browse...), and 'Frontend Template' (Sailor). A 'Save Changes' button is at the bottom.

### Email Templates

This will be used for sending email registration , forgot password and other needs

The screenshot shows the 'Manage Email Templates' page. It has tabs for 'General Settings', 'Email Templates', 'Login & Security', 'Translation', and 'Clear All Caches'. The 'Email Templates' tab is active, showing two templates: 'Register New Account' and 'Forgot Password'. Each template has a text editor with HTML code. The 'Register New Account' template includes placeholders for user information and a link to activate the account. The 'Forgot Password' template includes a placeholder for a password reset link. Both templates have a 'Save Changes' button at the bottom.

## Login And Security

This will be used login option and some security for web

Login & Security

General Settings

Email Templates

Login & Security

Translation

Clear All Caches

Email System

☐ PHP MAIL System

☒ SWIFT Mail ( Required Configuration )

Default Group

Registration

Users

Registration

☐ Automatic activation

☐ Manual activation

☒ Email with activation link

Allow Registration

☒ Enable

Allow Frontend

☒ Enable

Captcha

☐ Enable

Save Changes

Restricted IP Address

Write spesific IP address restricted for access this app

Example : 192.116.134 , 194.111.606.21

192.116.134 , 194.111.606.21

Allowed IP Address

Write spesific IP address Allowed for access this app

Example : 192.116.134 , 194.111.606.21

If Allowed IP is not empty then it will be priority and ingnored RESTRICED IP

## Translation

This will be used for managing multi languages

Language Manager

General Settings

Email Templates

Login & Security

Translation

Clear All Caches

Add New Translation

Name	Folder	Author	Action
English	en	Taufik F	
Indonesian	id	Taufik F	<div>ManageDelete</div>

## Clear Caches

This will be used for clear any caches at the application

General Settings

Email Templates

Login & Security

Translation

Clear All Caches

Template Cache

Delete Caches History



## Setting Up Social Network

Before you activate social media login , you need to register your website and get API ID and SECRET . Please follow instruction for each account ID

### GOOGLE +

- Go To : <https://code.google.com/apis/console/>
- Go to API Access under API Project. After that click on Create an OAuth 2.0 client ID to create a new application.
- A pop-up named "Create Client ID" will appear, fill out any required fields such as the application name and description.
- Click on Next.
- On the popup set Application type to Web application and switch to advanced settings by clicking on (more options).
- Provide this URL as the Callback URL for your application:  
<http://mywebsite.com/user/google?hauth.done=Google>
- Once you have registered, copy and past the created application credentials (Client ID and Secret) into the setting page.

#### Edit File `config/services.php`

```
'google' => [  
    'client_id' => 'your_client_id_number',  
    'client_secret' => 'your_client_secret_number',  
    'redirect' => 'http://yourdomain/user/autosocial/google',  
],
```

### FACEBOOK

- Go to <https://developers.facebook.com/apps> and create a new application by clicking "Create New App". 2. Fill out any required fields such as the application name and description.
- Put your website domain in the Site Url field.
- Once you have registered, copy and past the created application credentials (Client ID and Secret) into the setting page.

#### Edit File `onfig/services.php`

```
'facebook' => [  
    'client_id' => 'your_client_id_number',  
    'client_secret' => 'your_client_secret_number',  
    'redirect' => 'http://yourdomain/user/autosocial/facebook',  
],
```

## TWITTER

- Go to <https://dev.twitter.com/apps> and create a new application.
- Fill out any required fields such as the application name and description.
- Put your website domain in the Website field.
- Provide this URL as the Callback URL for your application:  
`http://mywebsite.com/user/twitter?hauth.done=Twitter`
- Once you have registered, copy and past the created application credentials (Client ID and Secret) into the setting page.

### Edit File `onfig/services.php`

```
'twitter' => [  
    'client_id' => 'your_client_id_number',  
    'client_secret' => 'your_client_secret_number',  
    'redirect' => 'http://yourdomain/user/autosocial/twitter',  
],
```

## SWIFT MAIL

If you want to use SWIFT mail as your default mail server , follow this step

### Go to : Dashboard -> Control Panel -> Configuration -> Login & Security

- Select Mail System ( SWIFT Mail )
- Open File `.env` fill this following config match your server info

```
MAIL_DRIVER=smtp  
MAIL_HOST=mail.sximobuilder.com  
MAIL_PORT=25  
MAIL_USERNAME=example@sximobuilder.com  
MAIL_PASSWORD=examplepassword  
MAIL_ENCRYPTION=null
```

- Open File `/app/config/mail.php` and fill this following config

```
'host' => env('MAIL_HOST', 'your'),  
'port' => env('MAIL_PORT', 465),  
'from' => ['address' => 'example@sximobuilder.com', 'name' => 'Sximo Builder'],
```

# 2

## Page CMS

Page CMS allow you to create page for frontend ( Public ) or Private. This can be put for creating contact , about us , service , TOC etc

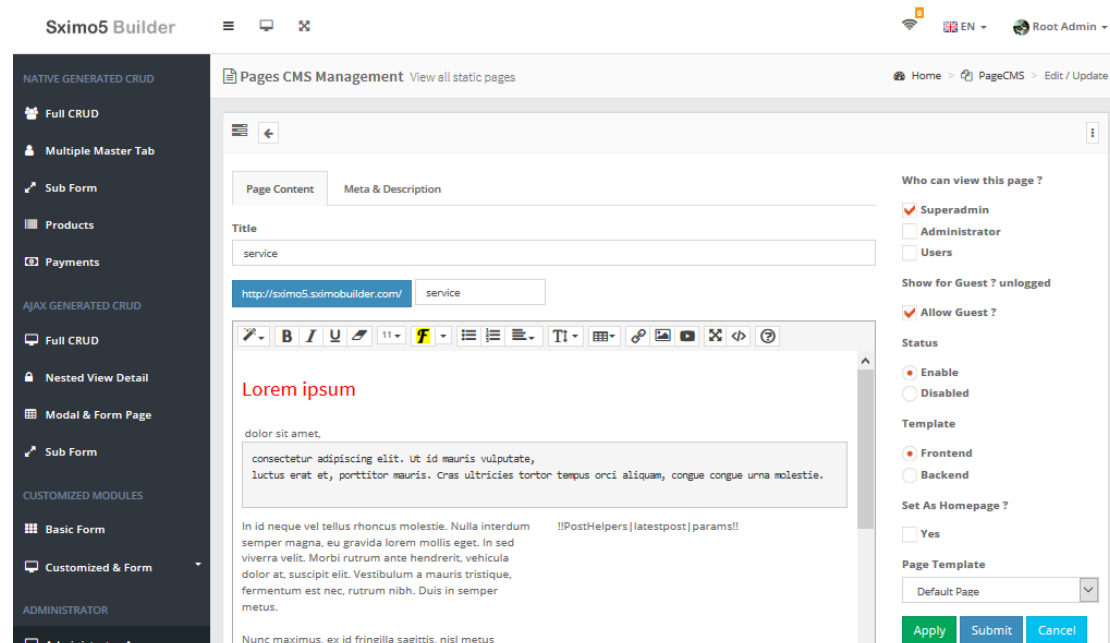
### Bootstrap Element

We're really recommended that you learning twitter bootstrap css framework to use page editor . Sximo fully supported to use all bootstrap html and css syntac , all elements from bootsrap can be use to design your own page.

### PHP Syntac inside page

You can use php code syntac inside page php using tag

```
<php> php code here <php/>
```



## Frontend GRID

Everytime you made a module , you can display the list on frontend . to make frontend grid , you can view this example

### Usage

let's say that you have made module **employee** , next to show the grid list on frontend , you need following this step

1. Create new page
2. copy this following code to your new page

```
<php> use \App\Http\Controllers\EmployeeController;  
echo EmployeeController::display(); </php>
```

## Frontend Form

Everytime you made a module , you can display Form on frontend . to make Form grid , you can view this example

### Usage

let's say that you have made module **employee** , next to show the grid list on frontend , you need following this step

1. Create new page
2. copy this following code to your new page

```
!!SximoHelpers::showForm('employee') !!
```

## Create your own theme / template

### Create folder inside /public/frontend

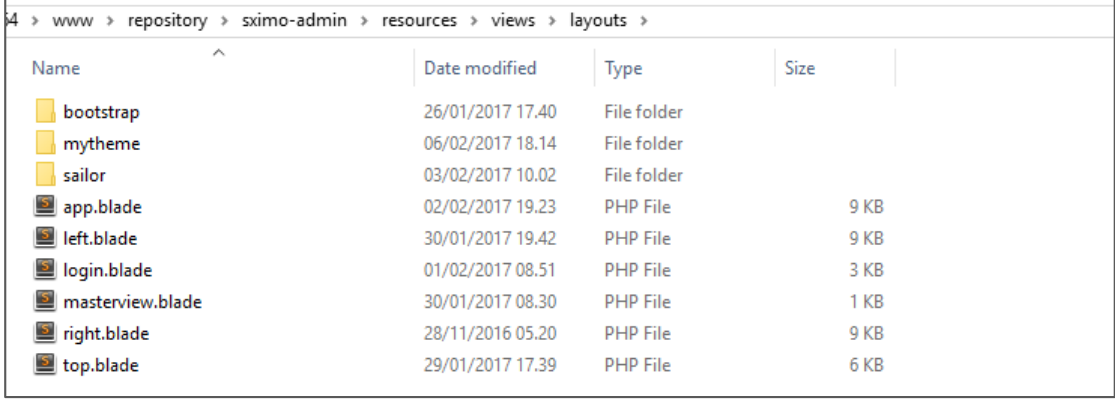
```
/public/frontend/mytheme
```

Put all assets ( css , images, JS ) and other library inside your new folder theme

64 > www > repository > sximo-admin > public > frontend > mytheme >				
Name	^	Date modified	Type	Size
css		06/02/2017 18.11	File folder	
fonts		06/02/2017 18.11	File folder	
images		06/02/2017 18.11	File folder	
js		06/02/2017 18.11	File folder	

## Create Folder Inside

/resources/views/layouts/mytheme



Name	Date modified	Type	Size
bootstrap	26/01/2017 17.40	File folder	
mytheme	06/02/2017 18.14	File folder	
sailor	03/02/2017 10.02	File folder	
app.blade	02/02/2017 19.23	PHP File	9 KB
left.blade	30/01/2017 19.42	PHP File	9 KB
login.blade	01/02/2017 08.51	PHP File	3 KB
masterview.blade	30/01/2017 08.30	PHP File	1 KB
right.blade	28/11/2016 05.20	PHP File	9 KB
top.blade	29/01/2017 17.39	PHP File	6 KB

## Theme folder file structure

There are number minimal file for every theme

```
index.blade.php
info.json
template/
    page.blade.php
    Backend.blade.php
```

Here are sample sceleton for

### index.blade.php

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title> {{ $pageTitle }} | {{ CNF_APPNAME }} </title>
<meta name="viewport" content="width=device-width, initial-
scale=1.0" />
<meta name="description" content="Bootstrap 3 template for
corporate business" />
<link rel="shortcut icon" href="{{ asset('favicon.ico') }}"
type="image/x-icon">
<!--css →
<link href="{{ asset('frontend/mytheme/css/your_css_file.css')
}}" rel="stylesheet" />

<!--Javascript →
<script src="{{ asset('frontend/mytheme/js/your_js_file.js')
}}"></script>

</head>

<section id="main-content" >

    @include($pages)

</section>

<body>

</body>
</html>

```

### Info.json

```

{
    "name"           : "My Own Theme ",
    "folder"        : "mytheme",
    "author"         : "My Name TM",
    "template"       : {
                                "Default Page"      : "page",
                                "Backend Template": "backend"
                            }
}

```

### Template/page.blade.php

```

{!! $content !!}

```

### Template/backend.blade.php

```

@extends('layouts.app')
@section('content')
    {!! $content !!}
@stop

```

That's !

Depending on your template , you may want to create a lot of template . all you have to do is just register all your template at json file .

# 3

## Modules

### What's Module ?

A module is a part of a app. A module contain one or several routines that we call RUDSD ( Create Read Update Delete Search and Download .

By default at the first time you create module , system will generate those routines. Except if your database table doesn't contain primary key, it only create routines View, Search and Download. there are 2 different module : CORE and Installed Module

### Core Module

This is built in modules, come with default distribution. Please Do not updates those module, because those module already have customization, but if you know how it's work, then it's up to you. with your own risk ;)

### Custom ( Installed ) Module

This is your module list, every time you create module, it will shown up at installed tab. Let's create your first module

## Create New Module

**Go to : Module -> Create**

In Sximo 5.1 LTS , we have added 4 option of CRUD .

1. CRUD Module This is fully CRUD functionality
2. Blank Module This is only generate complete blank template files
3. Report Module Used this for generate report without CRUD
4. Ajax Full CRUD ( **this is required paid addon** )

Before you create module , you have to create table for module you will build . this app doesn't have feature to create table database , so you need phpmyadmin or other mysql tools for creating table



## Create New Table

Copy table schema for employee into your phpmyadmin and run query

```
CREATE TABLE `employee` (  
  `EmployeeId` int(11) NOT NULL AUTO_INCREMENT,  
  `LastName` varchar(20) CHARACTER SET utf8 NOT NULL,  
  `FirstName` varchar(20) CHARACTER SET utf8 NOT NULL,  
  `ReportsTo` int(11) DEFAULT NULL,  
  `BirthDate` date DEFAULT NULL,  
  `HireDate` date DEFAULT NULL,  
  `Phone` varchar(24) CHARACTER SET utf8 DEFAULT NULL,  
  `Email` varchar(60) CHARACTER SET utf8 DEFAULT NULL,  
  `Foto` varchar(100) DEFAULT NULL,  
  `Status` enum('0','1') DEFAULT NULL,  
  PRIMARY KEY (`EmployeeId`),  
  KEY `IFK_EmployeeReportsTo` (`ReportsTo`)  
) ENGINE=MyISAM AUTO_INCREMENT=24 DEFAULT CHARSET=latin1;
```

## Insert sample Data

```
INSERT INTO `employee` (`EmployeeId`, `LastName`, `FirstName`, `ReportsTo`, `BirthDate`,  
  `HireDate`, `Phone`, `Email`, `Foto`, `Status`) VALUES  
(16, 'Zabbaleta', 'Montero', 0, '0000-00-00', '0000-00-00', '010939948',  
  'robert@chinookcorp.com', NULL, '0'),  
(20, 'Bandford', 'zee', 19, '2015-03-13', '2015-02-24', '010939948', 'akka@gmail.com', NULL,  
  '1'),  
(21, 'Marchisio', 'lucas', 16, '1987-07-30', '2007-01-01', '010939948', 'ganteng@gmail.com',  
  NULL, '1'),  
(17, 'Tevez', 'Leo', 5, '2012-12-12', '0000-00-00', '000000', 'sample@gmailcom', '', '1'),  
(23, 'Pepe', 'Steve', 0, '2014-04-24', '2014-04-24', '1 (780) 836-9987',  
  'steve@chinookcorp.com', '', '0'),  
(7, 'Alberto', 'Robert', 0, '2014-04-24', '2014-04-24', '+1 (403) 456-9986',  
  'robert@chinookcorp.com', '', '0'),  
(14, 'Franchis', 'zoo', 1, '2015-01-08', '2015-01-14', '010939948', 'robert@chinookcorp.com',  
  '', '1'),  
(19, 'Agüero', 'kimono', 3, '0000-00-00', '0000-00-00', '123123123',  
  'robert@chinookcorp.com', NULL, '1');
```

## Fill the Form

CRUD Form Fill

Module Name / Title:

Module Note:

Template :

- ☒ Full CRUD  
Add, Edit, View in new page, Native php sorting and pagination
- ☐ Blank Module  
Create template controller, model and views files for your own custom module
- ☐ Report Module  
Used for table view ( MySQL View Table Schema)
- ☐ Ajax Crud  
Edit Modal, Modal Add, Modal View, Copy Rows, lock master key values, Ajax sorting and pagination

Class Controller:

Module Table:

☒ Auto Mysql Statment ☐ Manual Mysql Statment

Now fill create new module form using following info

- Module Name / Title : **Employee**
- Module Note : **View All Employee Data**
- Template : **Full CRUD** .
- Class Controller : **employee**.
- Table Master : **employee**.
- Select SQL statement: **Check Auto SQL**
- Click Button **Submit**

If you not getting any error , its should be redirecting you to module manager page

	<input type="checkbox"/>	Details	adetail	orderdetails	orderDetailId	2017-02-01 07:52:39
	<input type="checkbox"/>	Employees	employees	employees	employeeNumber	2016-11-24 02:28:43

From list installed module, click button gear dropdown and click view module. You should see you module grid with complete function !.

## Edit Current Module

**Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit**

From list installed module , click button gear dropdown and click Edit module. Then you should able to see edit form and following tabs  
INFO , SQL , TABLE , FORM , MASTER DETAIL , PERMISSION , REBUILD

Employees : Basic Info ( Information of module )

AllInfoSQLTableFormMaster DetailPermissionCodesRebuildSwitch

Module Info

Name / Title

Employees

EN

Label for Indonesian

ID

Module Note

View All Employees

EN

Note for Indonesian

ID

Class Controller

employees

Table Master

employees

ShortCode

Form Shortcode :

!!SximoHelpers|showForm|employees!!

Table Shortcode :

<php> use \App\Http\Controllers

\EmployeesController;

echo EmployeesController::display();</php>

Update Module

Module Setting

Grid Table Type

☒ Native☐ Ajax

Default Order

EmployeeNumber

Ascending

Display Rows

10

/ Page

Form & View Setting

You can switch this setting and applied to current module without have to rebuild

Form Method

☒ New Page☐ Modal

View Method

☒ New Page☐ Modal☐ Expand Grid

Update Setting

Important ! this setting only work with module type Ajax Grid

# MySQL Editor

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> SQL

At the first time you create module, system will create automatic single query table

Why SXIMO BUILDER Creating automatic " WHERE employee.EmployeeId IS NOT NULL " ?  
this is for prevent error when users submit search form.

Every fields included on query select, will be displaying at grid table including fields from join table. so make sure every field you want to show on table grid and view detail, must be on your query statement

---

*Everytime you made changes with SQL editor , you have to **rebuild** Files*

---

Everytime you made changes with SQL editor , you have to **rebuild** Files

## Working with join Query ( Displaying 2 or more table )

### Example Join Query

```
SELECT customer.*,tb_users.* FROM customer LEFT JOIN tb_users
ON customer.staffid = tb_users.id
```

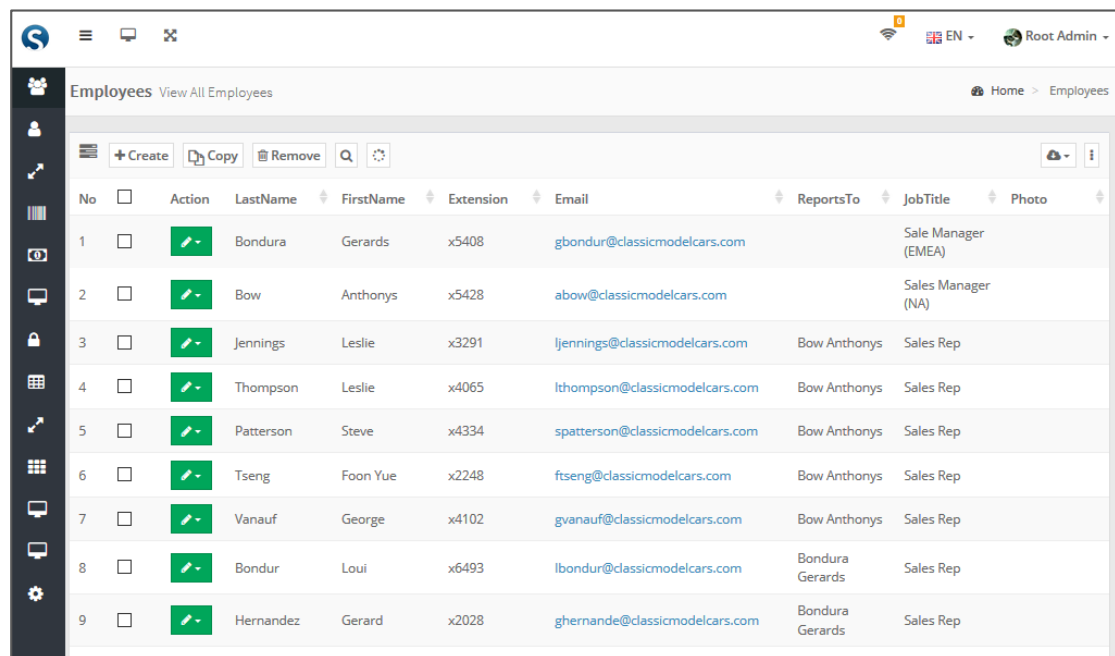
If we using above statment , Grid table will automatically displaying all SELECT statment from 2 tables.

Keep in your mind , althought we can displaying table grid form 2 or more table , form , insert , edit and remove operation only affected for 1 table ( primary table )

## Table Editor

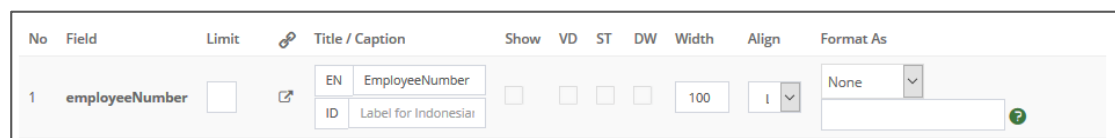
**Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> Table**

By Default , after build new module , grid will displaying all field into table



No	Action	LastName	FirstName	Extension	Email	ReportsTo	JobTitle	Photo
1		Bondura	Gerards	x5408	gbondur@classicmodelcars.com		Sale Manager (EMEA)	
2		Bow	Anthony's	x5428	abow@classicmodelcars.com		Sales Manager (NA)	
3		Jennings	Leslie	x3291	ljennings@classicmodelcars.com	Bow Anthony's	Sales Rep	
4		Thompson	Leslie	x4065	lthompson@classicmodelcars.com	Bow Anthony's	Sales Rep	
5		Patterson	Steve	x4334	spatterson@classicmodelcars.com	Bow Anthony's	Sales Rep	
6		Tseng	Foon Yue	x2248	ftseng@classicmodelcars.com	Bow Anthony's	Sales Rep	
7		Vanauf	George	x4102	gvanauf@classicmodelcars.com	Bow Anthony's	Sales Rep	
8		Bondur	Loui	x6493	lbondur@classicmodelcars.com	Bondura Gerards	Sales Rep	
9		Hernandez	Gerard	x2028	ghernande@classicmodelcars.com	Bondura Gerards	Sales Rep	

You can control Field to show ( table grid ) , view detail ( view detail page ) , sortable ( allow users to sort order by field ) , download ( include field to be downloadable )



No	Field	Limit	Title / Caption	Show	VD	ST	DW	Width	Align	Format As
1	employeeNumber	<input type="text"/>	<div>EN EmployeeNumber</div> <div>ID Label for Indonesia</div>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	100	I	None

### Limit

Used for limit view , means : field only able to view by spesific ID users

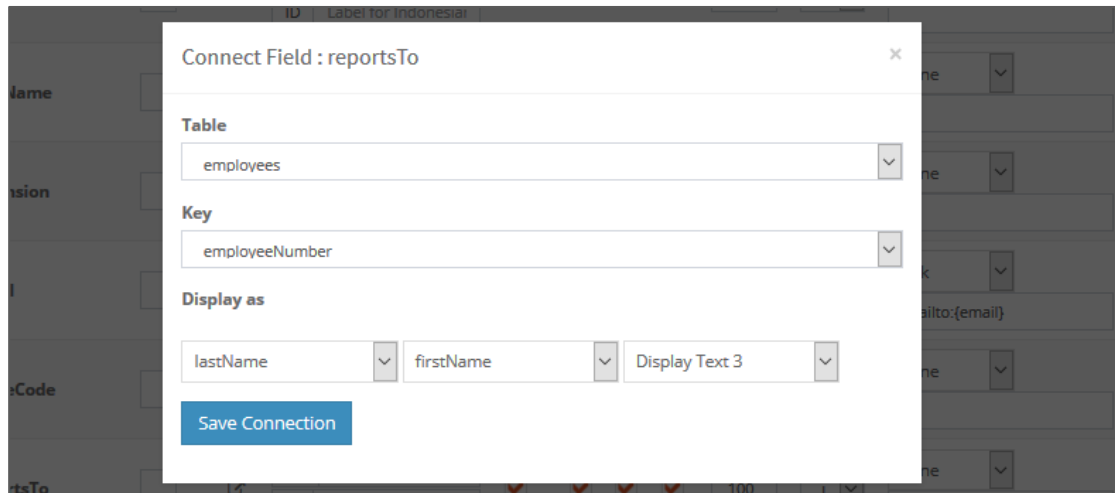
Usage :

1, 2, 3, 4, 5

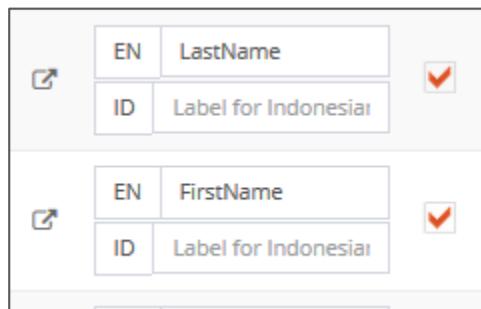
Number indicating userID

## Connect / Lookup field

Connect field to database to get real value



## Caption / Label



Multiple lang Field required **ajax plugins**

## Show

Field are show at grid table / index

## VD ( View Detail )

Field available/ shown on view detail every row

## ST ( Shortable )

Display table are able to be shorted by this field

## DW ( Download )

Field are included on generated download files

## Width \*

Define width for spesific field

## Align \*

Display field align to left , right or center

## Formatter

Format field value into other format value

## 1. Date

Reformat Date into your own desire

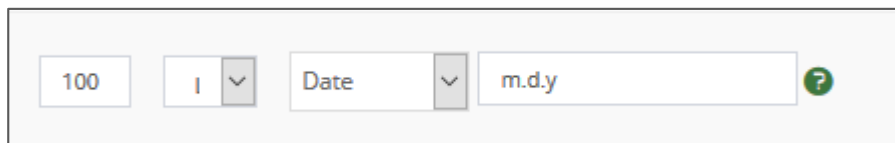
You can use PHP format from native php , please check here

<http://php.net/manual/en/function.date.php>

**Usage :**

F j, Y, g:i a	// March 10, 2001, 5:16 pm
m.d.y	// 03.10.01
j, n, Y	// 10, 3, 2001
Ymd	// 20010310
H:i:s	// 17:16:18
Y-m-d H:i:s	// 2001-03-10 17:16:18

**Example :**



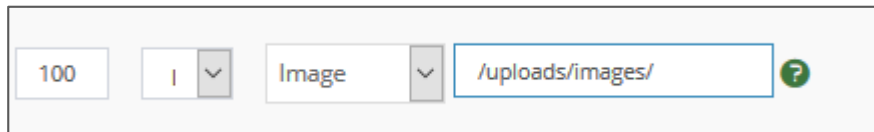
## 2. Image

Display current value into format image or download

**Usage :**

/uploads/\_your\_folder\_name/

**Example :**

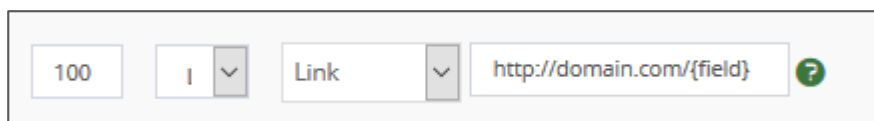


## 3. Link / Mailto

Make current value as link to other page or other web

**Usage :**

http://yourlink.com/{field}

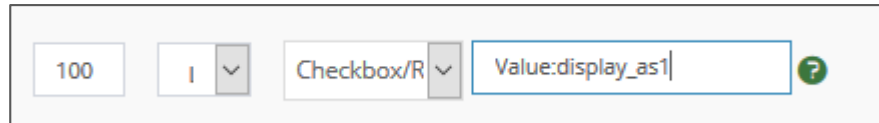


#### 4. Checkbox / Radio

Make current into readable format

**Usage :**

Value:display\_as1 , value\_2:display\_as2,...



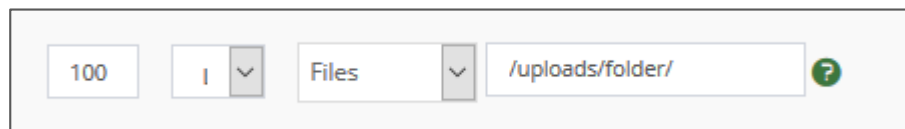
#### 5. Files Download

Make current value download link

**Usage :**

/uploads/\_your\_folder\_name/

**Example**



#### 6. Function \* ( Required Ajax Plugins )

This is wild function for format current value into any format where its not covered by default formatter from sximo builder

**Usage :**

Class|method|params

Make sure the class is exists before register function into grid table . to make your own class , create new file inside folder /app/Library/MyFunction.php

#### Helpers Class Format

```
<?php

class MyFunction {

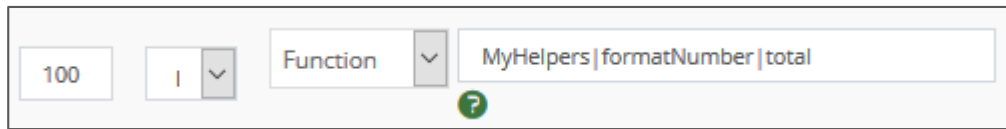
    public function firstFunction()
    {
        return 'some value';
    }

}
```

After creating class , dont forget to load them via composer console

```
Composer dump-autoload
```

**Example :**



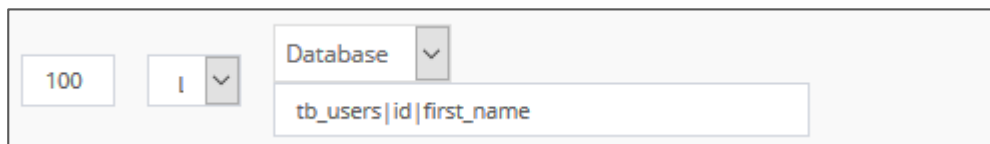
## 7. Database \* ( Required Ajax Plugins )

Format current value into value from database

**Usage :**

`Table_name | id | field_to_display`

**Example :**



## Form Editor

**Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> Form**

Form is the most important feature from CRUD activity . Form only can work on single table , this mean you only can manage operation such insert and update into one table at the same time.

At this moment , system only able to work with , Hidden Form , Text Form , Date Form , Date Time , Select , Checkbox , Radio

Hidden

Hidden

type is used for Primary Key with autoincrement

The important thing from the form is your table Must have field type auto increment. this will be KEY for insert or update row table.

Now for auto increment field , you must make type form HIDDEN , NO REQUIRED and SHOW.





## Text

Text type is used for collecting text or number from users



A screenshot of a 'Form Type' dropdown menu. The label 'Form Type' is on the left. The dropdown box contains the text 'Text' and a downward-pointing arrow on the right side.

## Date

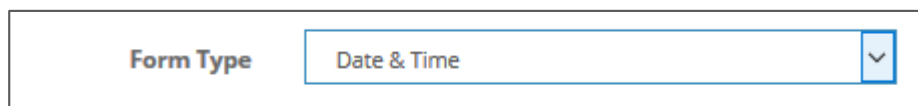
Date type is used for collecting date input , the input will have popup datepicker to make sure user input right type of date . Your field table must be set as date field ( Y-m-d )



A screenshot of a 'Form Type' dropdown menu. The label 'Form Type' is on the left. The dropdown box contains the text 'Date' and a downward-pointing arrow on the right side.

## Date Time

Datetime type is used for collecting date+time input , the input will have popup datepickertime to make sure user input right type of date . Your field table must be set as date field ( Y-m-d H:i:s )



A screenshot of a 'Form Type' dropdown menu. The label 'Form Type' is on the left. The dropdown box contains the text 'Date & Time' and a downward-pointing arrow on the right side.

## Textarea

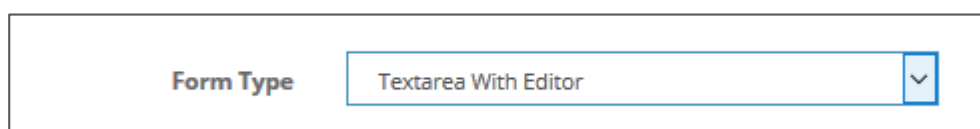
Text type is used for collecting long text or number from users



A screenshot of a 'Form Type' dropdown menu. The label 'Form Type' is on the left. The dropdown box contains the text 'Textarea' and a downward-pointing arrow on the right side.

## Textarea with Editor

Text type is used for collecting long text or number from users with editor



A screenshot of a 'Form Type' dropdown menu. The label 'Form Type' is on the left. The dropdown box contains the text 'Textarea With Editor' and a downward-pointing arrow on the right side.

## Select

Select used for value with option as your own defined , the format value as below

```
Key_value : display_value
```

The screenshot shows a configuration window for a 'Select' form. At the top, 'Form Type' is set to 'Select Option'. Under 'Data Type', 'Custom Value' is selected with a radio button. Below this, there is a table for 'Custom Value' with two rows: the first row has '1' in the key column and 'Enable' in the display column; the second row has '2' in the key column and 'Disable' in the display column. To the right of the table are two red minus buttons and one blue plus button at the bottom right.

Key_value	display_value
1	Enable
2	Disable

## Select Lookup

Select used for value with option from database , the format value as below

```
Database Table  
Primary_key  
Display_name1 ( required )  
Display_name2 ( optional )  
Display_name3 (optional)
```

The screenshot shows a configuration window for a 'Select Lookup' form. 'Form Type' is 'Select Option'. Under 'Data Type', 'Database' is selected. Below, 'DataBase Select' is set to 'employees', and 'employeeNumber' is selected as the primary key. There are three display fields: 'Display #1' is 'lastName', 'Display #2' is 'firstName', and 'Display #3' is 'Display Text'. Each field has a dropdown arrow on its right.

Display #	Display Text
Display #1	lastName
Display #2	firstName
Display #3	Display Text

## Select Nested Lookup ( Cascade )

Example you have 3 database tables

```
Customer , country and city
```

**Step 1** , create module as usually for customer using code builder

**Step 2** , edit form, make **country\_id** as select lookup to table country

**Step 3** , edit form, make **city\_id** as select lookup to table city

### Screnario

everytime you select country , all city list should change following selected **country\_id** Now go to editor form tab and edit field **city\_id** , check parent filter checkbox and fill the input form with **country\_id**

Last Step rebuild the form and you will see , everytime country selected , all city list will changed

The screenshot shows the configuration for a select lookup field in a form editor. The 'Form Type' is set to 'Select Option'. Under 'Data Type', 'Database' is selected with a radio button. The 'DataBase Select' is set to 'cities'. The 'city id' field is selected. For 'Display #1', 'city\_name' is chosen. 'Display #2' and 'Display #3' are both set to 'Display Text'. The 'Parent Filter' checkbox is checked, and the filter field is set to 'country\_id'. The 'Allow Multiple' checkbox is unchecked.

### Radio

Radio used for value with option as your own defined , the format value as below

```
Key_value : display_value  
Key_value2 : display_value2
```

**Example :**

<b>Form Type</b>	Radio			▼
<b>Data Type</b>	<input checked="" type="radio"/> Custom Value			
<b>Custom Value</b>	1	Enable	-	
	2	Disable	-	
				+

## Checkbox

Checkbox used for value with option as your own defined , the format value as below

```
Key_value : display_value
Key_value2 : display_value2
```

## Example :

<b>Form Type</b>	Checkbox			▼
<b>Data Type</b>	<input checked="" type="radio"/> Custom Value			
<b>Custom Value</b>	1	Enable	-	
	2	Disable	-	
				+

## Upload ( File / Images )

Upload type is used for collecting image or file from users . All files and images stored at specific folder

So make sure you create directory at uploads/your\_directory\_name

**Form Type** Upload File

**Upload File**

☒ **File**

☐ **Image / Picture**

Resize Image to ? : Width :  Height :

☐ **Allow Multiple**

[More Option](#)

**Save Changes**

**Files** : Used for download

**Images** : Used for display as image

## Sub Form

Subform is a child form in master form . basically its combain form from 2 modules , the one is as master form and other is child .

**Form Configuration** **Sub Form** **Form Layout**

**Subform Title**

**Master Form Key**

**Take FORM from Module**

**Sub Form Database**

**Sub Form Relation Key**

**Save Master Detail** **Remove**

This features usable for collection/manage one to many data via form .

## Form Design

Design layout as 1,2 or 3 columns . this feature usable if you large of form input .

**Number Of Block :**  

2 Block

**Display Form As :**  
☒ Grid ☐ Tab  
**Form Layout :**  
☒ Normal ☐ Vertical

Once you made changes on layout ,  
please rebuild Form Files to take affect  

Save Layout

---

**Block Title 1**  

Order Info

OrderNumber

Customer

Comments

**Block Title 2**  

Detail

OrderDate

RequiredDate

ShippedDate

Status

## Master Detail

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> Master Detail ( Lookup )

Master detail is a way to filter grid with spesific ID from master grid . Its work like shortcut button.

Ilustration you have 2 grid table , and the 2st table contain relation key from #1 table. so you want to add additional button from #1 table to manage grid with selected ID from #1 table.

Edit your module and point to Master Detail Tab :

Customers Master Detail : Manage View Lookup

All Info SQL Table Form Master Detail Permission Codes Rebuild Swith

Link Title \*

Important ! , Do not use white space

Master Key \*

customerNumber

Module Target

-- Select Module --

DB Table Module Target \*

-- Please Select --

Detail Key \*

Save Master Detail

Title	Master Key	Module Class	Database Table	Relation Key	Action
Orders	customerNumber	orders	orders	customerNumber	
Payments	customerNumber	payments	payments	customerNumber	

As you can see from image above , this setting is from your 1# module/table . Once u done saving master detail setting dont forget to rebuild module ( all files )

## Permission

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> Permission

Every CRUD module will have a couples function such view grid , add , edit etc . you can control wich group are able to access those function

No	Group	Global	View	Detail	Add	Edit	Remove	Excel
1	Superadmin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Administrator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Users	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Please Read !**  
1. If you want users **only** able to access they own records , then **Global** must be **uncheck**  
2. When you using this feature , Database table must have **entry\_by** field

Save Changes

## Rebuild Option

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> Rebuild

Rebuild Module

Build All Codes  
↓  
**Rebuild All Codes**

Or Build Separate Codes  
↓  
Backend View

Controller ☐ `ModuleController.php`  
will be replaced with new code

Model ☐ `Module.php` Model  
will be replaced with new code

Grid Table ☐ `index.blade.php` at `views/module/` folder  
will be replaced with new code

Form ☒ `form.blade.php` at `views/module/` folder  
will be replaced with new code

View Detail ☒ `view.blade.php` at `views/module/` folder  
will be replaced with new code

By default at the first time you create module, system will generate files such controller , model , index, form and view . Ofcourse when application in development mode , there're possibility you made some changes from table , form grid etc. We try to cover this possibility by adding rebuild modules features

## Database table synchronize

Next, when you have current module with table A then you alter table,( insert or delete fields from current database ), this will make module error

**Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> SQL**

**RE-Save your SQL stament** , the system will collect new information from your table fields . Once you done , then you have to rebuild files Model , View and Form

### **Rebuild Form**

After you made changes for setting/design you have to rebuild form files

### **Rebuild View Detail**

After you made changes at table settting for view detail you have to rebuild view files

### **Rebuild Grid Table and controller**

Little posibility to rebuild controller and index table, since we design controller and index table works automatic reading realtime module configuration . so when you need to rebuild both controller and index table ? Usualy when you updrade version



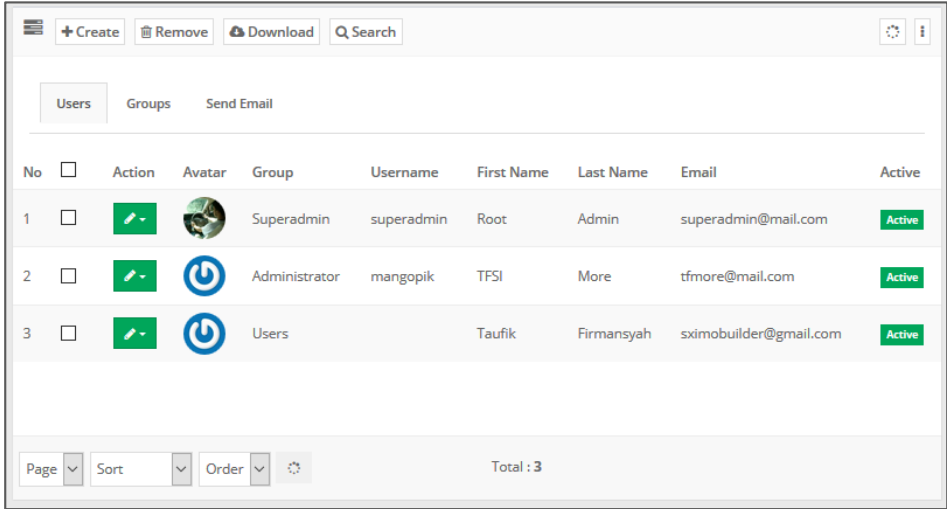
# 4

## Core Module

This is built in modules, come with default distribution. Please Do not updates thooss module, because those module already have customization, but if you know how it's work, then it's up to you. with your own risk ;)

### Users Management

#### Manage Current Users

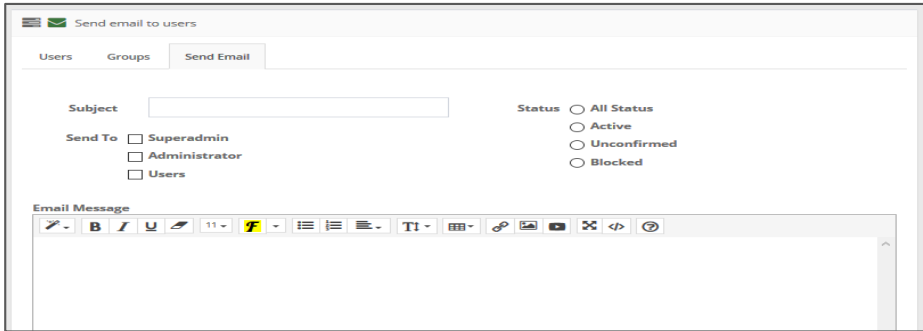


The screenshot shows a web interface for managing users. At the top, there are buttons for '+ Create', 'Remove', 'Download', and a search bar. Below these are tabs for 'Users', 'Groups', and 'Send Email'. The 'Users' tab is active, displaying a table with the following columns: No, Action, Avatar, Group, Username, First Name, Last Name, Email, and Active. There are three users listed: 1. Superadmin (superadmin, Root, Admin, superadmin@mail.com), 2. Administrator (mangopik, TFSI, More, tfmore@mail.com), and 3. Users (Taufik, Firmansyah, sximobuilder@gmail.com). Each user has an 'Active' status indicator. At the bottom, there are dropdowns for Page, Sort, and Order, and a 'Total : 3' indicator.

No	Action	Avatar	Group	Username	First Name	Last Name	Email	Active
1			Superadmin	superadmin	Root	Admin	superadmin@mail.com	Active
2			Administrator	mangopik	TFSI	More	tfmore@mail.com	Active
3			Users		Taufik	Firmansyah	sximobuilder@gmail.com	Active

### Blast Email

#### Send Email to users based on groups



The screenshot shows a web interface for sending emails to users. At the top, there are tabs for 'Users', 'Groups', and 'Send Email'. The 'Send Email' tab is active. Below the tabs, there is a 'Subject' input field. To the right of the subject field, there are radio buttons for 'Status' with options: 'All Status', 'Active', 'Unconfirmed', and 'Blocked'. Below the subject field, there are checkboxes for 'Send To' with options: 'Superadmin', 'Administrator', and 'Users'. At the bottom, there is a rich text editor for the 'Email Message' with various formatting tools like bold, italic, underline, link, and image.

## Groups Management

Manage Current Groups . superadmin have full access to All Modules , Setting and CRUD Builder

<div><div></div><div></div><div></div><div></div></div>						
<div>UsersGroupsSend Email</div>						
No	<input type="checkbox"/>	Action	ID	Name	Description	Level
1	<input type="checkbox"/>		1	Superadmin	Root Superadmin , should be as top level groups	1
2	<input type="checkbox"/>		2	Administrator	Administrator level, level No 23	2
3	<input type="checkbox"/>		3	Users	Users as registered / member	3
<div>PageSortOrderTotal : 3</div>						

## Post Management

Manage Blog , Post , Articles for frontend website

<div><div></div><div></div><div></div><div></div><div>Beta Version 1.0</div></div>									
No	<input type="checkbox"/>	Action	Date	Title	Status	Views	Labels	Author	Comment(s)
1	<input type="checkbox"/>		Feb 02,2017	Printing And Typesetting Industry		94	sximo5,code builder , tutorial, module	mangopik	2
2	<input type="checkbox"/>		Aug 28,2016	Remaining essentially unchanged		66	sximo,tutorial	superadmin	1
3	<input type="checkbox"/>		Aug 22,2016	New Sximo 5.1.6 Sept 2016		16	sximo,tutorial	superadmin	2

## Activity Logs

Manage Log activities from users

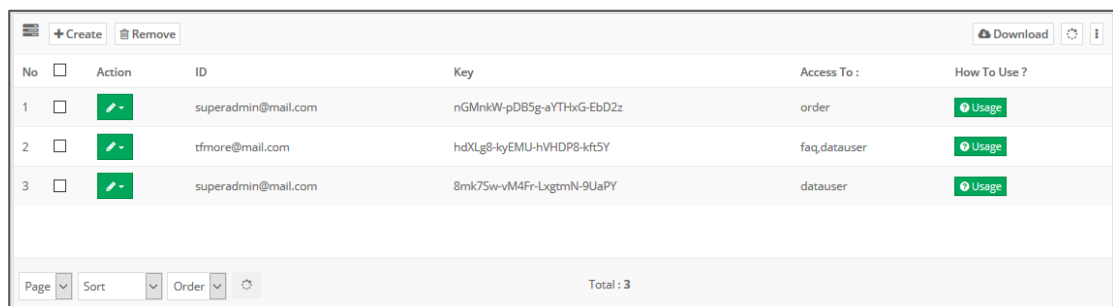
<div><div></div><div></div><div></div></div>					
No	<input type="checkbox"/>	IPs	Users	Module	Action
1	<input type="checkbox"/>	::1	Root	datauser	save
2	<input type="checkbox"/>	::1	Root	core	posts
3	<input type="checkbox"/>	::1	Root	core	posts
4	<input type="checkbox"/>	::1	Root	sximo	rac

# 5

## RestAPI Client

Go to : Control Panel -> RestApi Client

You can easily manage users and module access via RestAPI Client Editor



The screenshot shows the RestAPI Client Editor interface. At the top, there are buttons for '+ Create', 'Remove', 'Download', and a settings icon. Below these is a table with columns: No, Action, ID, Key, Access To, and How To Use?. The table contains three rows of user data. At the bottom, there are dropdown menus for 'Page', 'Sort', and 'Order', and a 'Total : 3' indicator.

No	Action	ID	Key	Access To :	How To Use ?
1		superadmin@mail.com	nGMnkW-pDB5g-aYThxG-EbD2z	order	Usage
2		tfmore@mail.com	hdXLg8-kyEMU-hVHDP8-kft5Y	faq_datauser	Usage
3		superadmin@mail.com	8mk7Sw-vM4Fr-LxgtnN-9UaPY	datauser	Usage

Page: [dropdown] Sort: [dropdown] Order: [dropdown] Total : 3

## Available Access Via API

Method	Path	Action	Route Name
GET	http://yourapp.com/sximoapi?module={module_name}	index	sximoapi.index
POST	http:// yourapp.com/sximoapi?module={module_name}	store	sximoapi.store
GET	http:// yourapp.com/sximoapi/id?module={module_name}	show	sximoapi.show
PUT/PATCH	http:// yourapp.com/sximoapi/id?module={module_name}	update	sximoapi.update
DELETE	http:// yourapp.com /sximoapi/id?module={module_name}	destroy	sximoapi.destroy

## Access API Via Javascript

Retrive All data from spesific module

```
$.ajax({
    dataType    : "json",
    url         :
    'http://yourdomain.com/sximoapi?module=employee',
    headers     : {"Authorization": "Basic " +
    btoa("superadmin@mail.com:pLihtt-I4jzL")},
    success     : function(data){
        // Do return value here //
    }
})
```

### **View Detail data from spesific module**

```
$.ajax({
    dataType    : "json",
    type        : "GET",
    url         :
    'http://yourdomain.com/sximoapi/1?module=employee',
    headers     : {"Authorization": "Basic " +
    btoa("superadmin@mail.com:pLihtt-I4jzL")},
    success     : function(data){
        // Do return value here //
    }
})
```

### **Create new data**

```
$.ajax({
    dataType    : "json",
    type        : "POST",
    data        : { "field":"value","field":"value" },
    url         :
    'http://yourdomain.com/sximoapi/1?module=employee',
    headers     : {"Authorization": "Basic " +
    btoa("superadmin@mail.com:pLihtt-I4jzL")},
    success     : function(data){
        // Do return value here //
    }
})
```

### **Update Data**

### **Delete Data**

```
$.ajax({
    dataType    : "json",
    type        : 'DELETE',
    url         :
    'http://yourdomain.com/sximoapi/1?module=employee',
    headers     : {"Authorization": "Basic " +
    btoa("superadmin@mail.com:pLihtt-I4jzL")},
    success     : function(data){
```

```

$.ajax({
    dataType    : "json",
    type        : "PUT",
    data        : { "field":"value","field":"value" },
    url         :
    'http://yourdomain.com/sximoapi/1?module=employee',
    headers     : {"Authorization": "Basic " +
    btoa("superadmin@mail.com:pLihtt-I4jzL")},
    data        : [{"field":"value","field":"value"}],
    success     : function(data){
        // Do return value here //
    }
})
// Do return value here //
}
});

```

## Access API Via PHP CURL

### Retrive All data from spesific module

```

$ curl --user useremail:apikey
http://yourdomain.com/sximoapi?module=modulename

```

### View Detail data from spesific module

```

$ curl --user useremail:apikey
http://yourdomain.com/sximoapi/1?module=modulename

```

### Create new data

```

$ curl --user useremail:apikey
http://yourdomain.com/sximoapi?module=modulename
-X POST -d '{"field":"value","field":"value"}' -H "Content-
Type: application/json"

```

### Update Data

```

$ curl --user useremail:apikey
http://yourdomain.com/sximoapi/1?module=modulename
-X PUT -d '{"field":"value","field":"value"}' -H "Content-Type:
application/json"

```

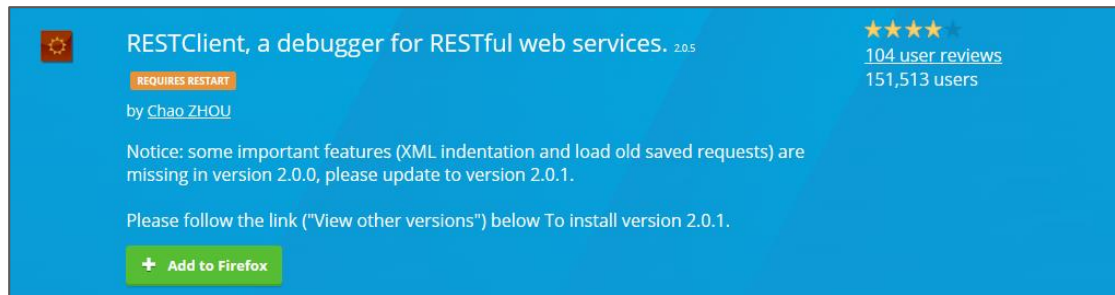
### Delete Data

```

$ curl --user useremail:apikey
http://yourdomain.com/sximoapi/1?module=modulename
-X DELETE

```

## API Testing Tools



The screenshot shows the Firefox Add-on page for RESTClient. The header is blue with a gear icon on the left. The title is "RESTClient, a debugger for RESTful web services. 2.0.5". To the right, there are four yellow stars and the text "104 user reviews" and "151,513 users". Below the title, there is an orange button that says "REQUIRES RESTART". The author is listed as "by Chao ZHOU". A notice states: "Notice: some important features (XML indentation and load old saved requests) are missing in version 2.0.0, please update to version 2.0.1." Below the notice, it says "Please follow the link ('View other versions') below To install version 2.0.1." At the bottom, there is a green button with a plus sign and the text "Add to Firefox".

If you want to test your SximoApi , you can use RESTClient debugger for Firefox Addon .

You can download here <https://addons.mozilla.org/en-us/firefox/addon/restclient/>

# 6

## Menu Management

Manage Site menu both frontend and backend . Sximo 5 has ability for handle menu for your application .

There are 2 position for menu .

**Frontend** , this menu are available on public / frontend site .

**Backend** , this menu are available for register users

Top Menu

Side Menu

Drag and Drop to reorder menu list X

=

Page Static

=

About

=

Service

=

Blog

=

Contact Us

=

Public Grid

=

Dropdown Menu

=

Another Menu

=

Another Sub Menu

=

seperator

=

Menu With Icon

Note!, Menus only support 3 levels

Reorder Menu

Create New Menu

Name / Title

Title for Indonesian

ID

Menu Type

☒ Internal ☐ External

Module

-- Select Module or Page --

Position

☐ Top Menu ☐ Side Menu

Icon Class

Example : fa fa-desktop

View Icon Codes : Font Awesome

Active

☐ Active ☐ Inactive

Access

☐ Superadmin  
☐ Administrator  
☐ Users

Public

☐ Yes

Submit

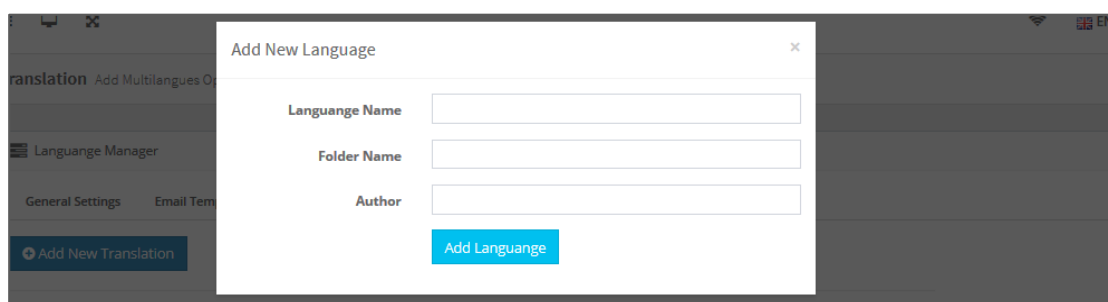
## Translation / Multilanguage

Translation used for convert current site into your own language . Sximo 5 only included 1 default language ( EN ) . if you want to add your own language its quite easy

You can add via Application or manually copy folder/file language.

### Adding New Language Via App.

**Go to : Control Panel -> Setting -> Translation**



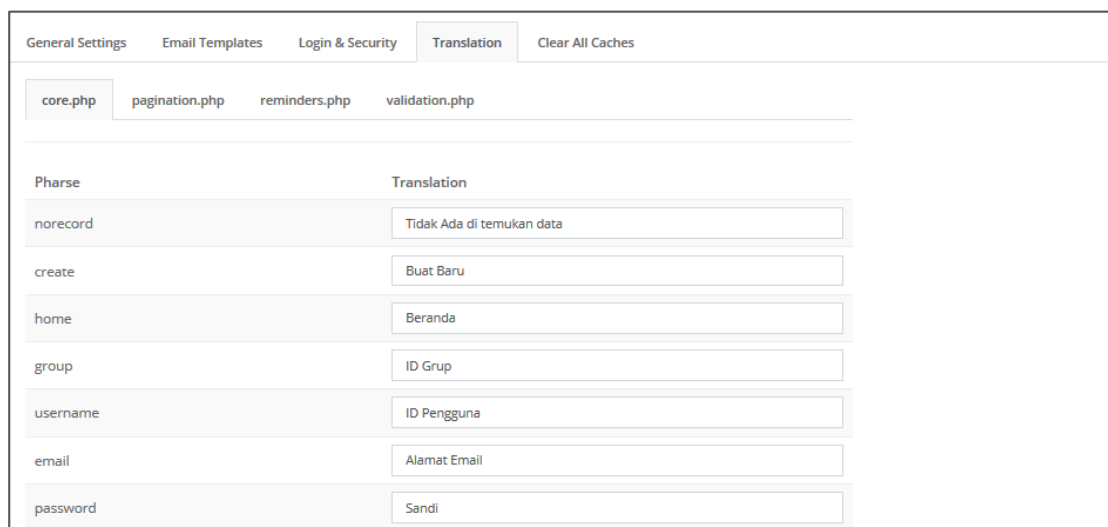
Explanation :

**Language Name** is your Language

**Folder Name** is ID of your language example ( en , in , es , pt , id etc ..)

**Author** is your name as creator .

After Create New language , now you need to translate every word into your language





## Adding New Language Manually

If you have distribution lang or if you want to share your lang into other users , then its quite easy , just copy lang into folder

Resources/lang

Name	Date modified	Type	Size
 en	26/01/2017 17.40	File folder	
 id	26/01/2017 17.40	File folder	