

## vtlib – vtiger development library

version 1.0

### About

vtlib aims at providing easier development environment for vtiger. In this version API's are provided which lets you create module easily for vtiger.

NOTE: Language pack files need to be edited manually.

### Usage

Current version of vtlib is written for vtiger CRM 5.0.4

Once you unpack the vtlib zip file into your vtigercrm folder you will see the following test scripts which helps to understand the API usage.

vtlib.Test.html	Provides link to execute the following scripts
vtlib.Test.Create.Menu.Item.php	Example to create menu item
vtlib.Test.Create.Module.Blocks.php	Example to show module creation and block for it.
vtlib.Test.Create.Module.Fields.php	Example to show module creation and fields for it.
vtlib.Test.Create.Module1.php	<p>Payslip Module Creation (modules/Payslip dir is already packaged)</p> <p>Make the following entry in include/language/en_us.lang.php after script execution</p> <pre>\$app_strings = Array( 'Payslip' =&gt; 'PaySlip', ....</pre>
vtlib.Test.Create.Module2.php	<p>EmailScanner Module Creation (modules/EmailScanner dir is already packaged)</p> <p>Make the following entry in include/language/en_us.lang.php after script execution</p> <pre>\$app_strings = Array( 'EmailScanner' =&gt; 'Email Scanner', ....</pre>

### Module Directory (Skeleton Module)

Using the API's (like in Test.Create.Module1.php) you can create new module. A skeleton module is present under vtlib folder which can be used as a module directory for the new module.

Please follow the given steps:

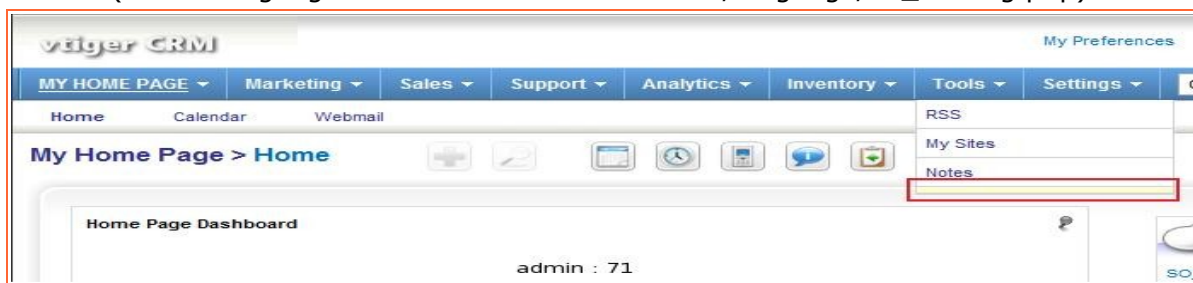
1. Rename ModuleDir to **<NewModuleName>**
2. Rename ModuleDir/ModuleFile.php to **<NewModuleName>.php**
3. Rename ModuleDir/ModuleFileAjax.php to **<NewModuleName>Ajax.php**
4. Edit **<NewModuleName>.php**
  - a) Rename Class ModuleClass to **<NewModuleName>**
  - b) Update \$table\_name and \$table\_index (Module table name and table index column)
  - c) Update \$groupTable
  - d) Update \$tab\_name, \$tab\_name\_index
  - e) Update \$list\_fields, \$list\_fields\_name, \$sortby\_fields
  - f) Update \$detailview\_links
  - g) Update \$default\_order\_by, \$default\_sort\_order
  - h) Rename function ModuleClass to function **<NewModuleName>** [This is the Constructor Class]

## Test.Create.Module1.php Execution

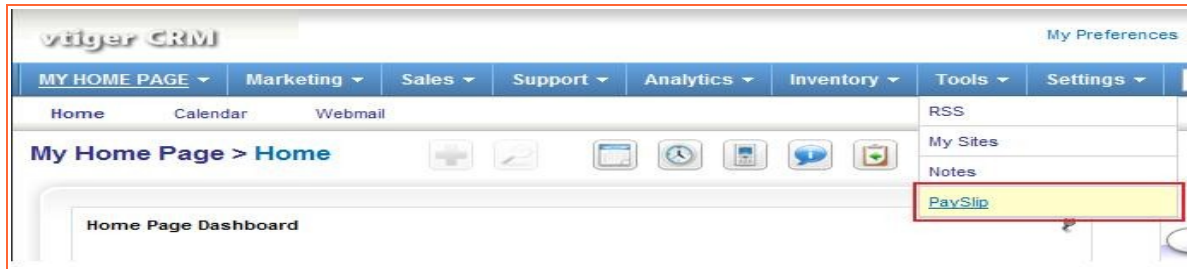
Creating new item (30) under Tools ... DONE  
Creating new menu item Payslip (Payslip) ... DONE  
Check Language Mapping entry for Payslip ... TODO  
Creating block Payslip (LBL\_PAYSLIP\_INFORMATION) ... DONE  
Check Module Language Mapping entry for LBL\_PAYSLIP\_INFORMATION ... TODO  
Adding PayslipName to Payslip ... DONE  
Check Module Language Mapping entry for PayslipName ... TODO  
Adding Month to Payslip ... DONE  
Check Module Language Mapping entry for Month ... TODO  
Adding Assigned To to Payslip ... DONE  
Check Module Language Mapping entry for Assigned To ... TODO  
Adding Created Time to Payslip ... DONE  
Check Module Language Mapping entry for Created Time ... TODO  
Adding Modified Time to Payslip ... DONE  
Check Module Language Mapping entry for Modified Time ... TODO  
Creating CustomView(All) for Payslip ... DONE  
Adding PayslipName to Payslip CustomView(38) ... DONE  
Adding Month to Payslip CustomView(38) ... DONE  
Adding Assigned To to Payslip CustomView(38) ... DONE  
Adding Modified Time to Payslip CustomView(38) ... DONE  
Creating CustomView(All2) for Payslip ... DONE  
Adding PayslipName to Payslip CustomView(39) ... DONE  
Adding Assigned To to Payslip CustomView(39) ... DONE  
Adding Modified Time to Payslip CustomView(39) ... DONE

## Payslip Module Overview

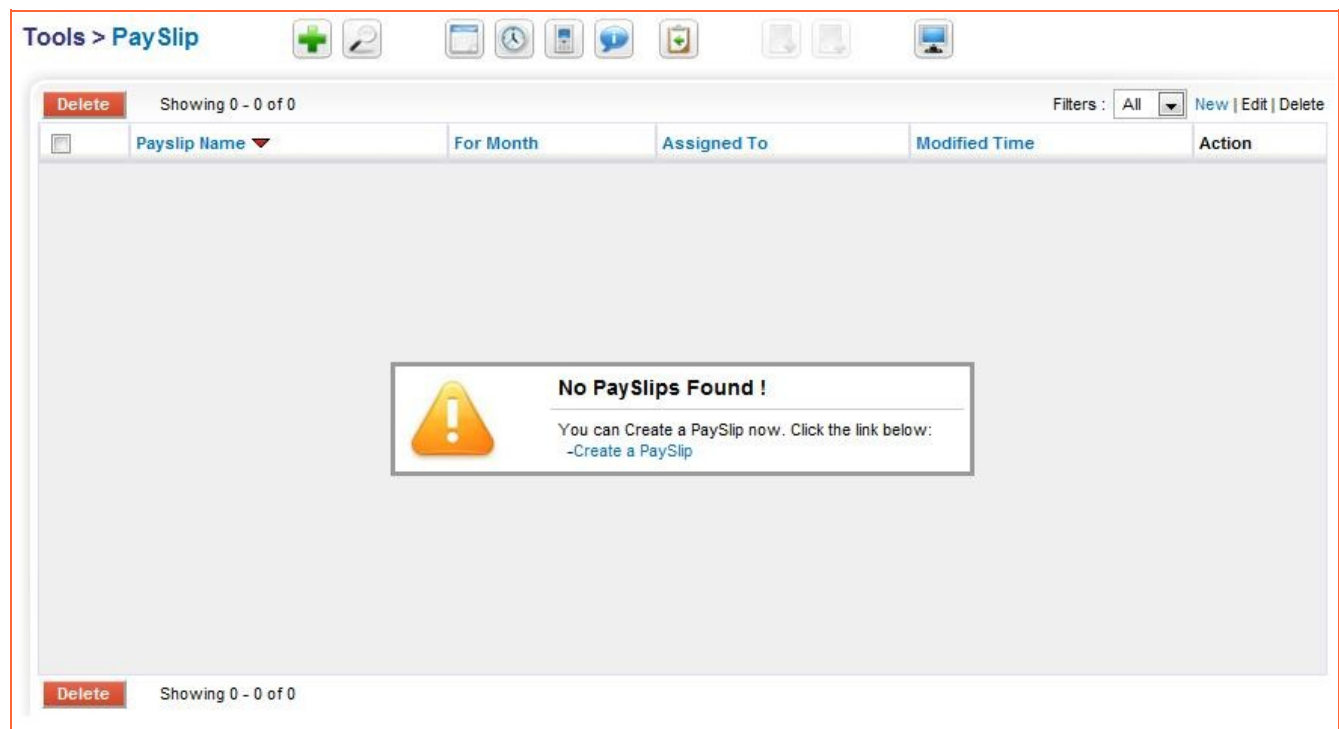
**Menu Item** (before language translation added to include/language/en\_us.lang.php)



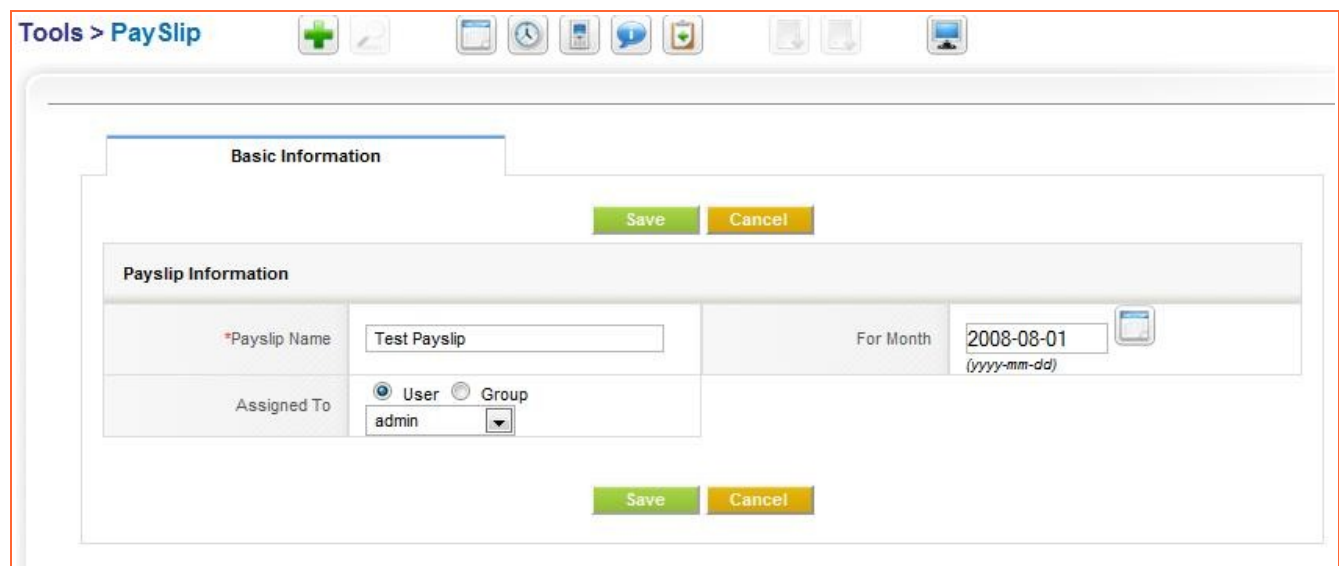
**Menu Item** (after language translation added to include/language/en\_us.lang.php)



**Listview**



**Createview**



Detailview

Tools > PaySlip

[ 132 ] Test Payslip - PaySlip Information

Updated today (06 Aug 2008)

PaySlip Information

Edit

DuplicateDelete

Payslip Information

Payslip Name	Test Payslip	For Month	2008-08-01
Assigned To User	admin	Created On	2008-08-06 14:54:03
Modified On	2008-08-06 14:54:03		

TAG CLOUD

Tag it

Listview (with custom filter)

Tools > PaySlip

Delete

Showing 1 - 1 of 1

Filters : All2

New | Edit | Delete

<input type="checkbox"/> Payslip Name	Modified Time	Assigned To	Action
<input type="checkbox"/> Test Payslip	2008-08-06 14:54:03	admin	edit   del

Delete

Showing 1 - 1 of 1