Migration

* Migration files store in the **config/Migrations**
* Format the migration name: YYYYMMDDHHMMSS\_MigrationName.php

Install:

* $ composer require cakephp/migrations “@stable”
* Load Plugin:
* $ bin/cake plugin load Migrations
* Or you can load the plugin by editing your config/bootstrap.php file and adding the following statement:

Plugin::load(‘Migrations’);

Create migration:

* Using command:

$ bin/cake bake migration [Name]

Command:

* Create table new

$ bin/cake migrations migrate

* Rollback

$ bin/cake migrations rollback

Overview

* Example:

<?php

use Migrations\AbstractMigration;

class CreateProducts extends AbstractMigration

{

/\*\*

\* Change Method.

\*

\* More information on this method is available here:

\* http://docs.phinx.org/en/latest/migrations.html#the-change-method

\* @return void

\*/

public function change()

{

$table = $this->table('products');

$table->addColumn('name', 'string', [

'default' => null,

'limit' => 255,

'null' => false,

]);

$table->addColumn('description', 'text', [

'default' => null,

'null' => false,

]);

$table->addColumn('created', 'datetime', [

'default' => null,

'null' => false,

]);

$table->addColumn('modified', 'datetime', [

'default' => null,

'null' => false,

]);

$table->create();

}

}

Field types:

* string
* text
* integer
* biginteger
* float
* decimal
* datetime
* timestamp
* time
* date
* binary
* boolean
* uuid

Index:

$table->addIndex([‘user\_id’];

Foreign key

$table->addForeignKey(‘user\_id’, ‘users’, ‘id’, [‘delete’ => ‘CASCADE’, ‘update’ => ‘CASCADE’]);