

Simple Pagination With Codeigniter

CodeIgniter's Pagination class is very easy to use. works with the model, and capable of supporting multiple paginators on a single page.

Pagination is particularly useful when you are coding an application that interfaces with a database. A large dataset might have hundreds of possible results for one query, and pagination creates a much nicer user experience.

create a paginated list of results from a MySQL database.

✓ create a controller file `controllers/Pagagination.php` with the following contents.

- the first thing you need to do is to load the pagination library.

```
$this->load->library("pagination");
```

- The variable `per_page` defines the limit per page. you can change as your wish.
- **base_url** : - The URL that will be used while building pagination links.
- **total_rows** : - Total number of records.

```
<?php  
  
class Pagagination extends CI_Controller {  
  
    public function __construct() {  
        parent::__construct();  
  
        // load URL helper
```

```

$this->load->helper('url');

// load Pagination library
$this->load->library("pagination");
}

public function index() {

    // load model
    $this->load->model('user_detail');

    // init config
    $config = array();
    $config["base_url"] = base_url() . "Pagagination";

    // get total count
    $config["total_rows"] = $this->user_detail->record_count();
    $config["per_page"] = 4;

    // paging configuration

    $config['per_page_link'] = TRUE;
    $config['per_page_array'] = array(5, 10, 15, 20);
    $config["use_page_numbers"] = TRUE;
    $config['page_query_string'] = FALSE;

    $config['query_string_segment'] = "";

    $config['use_page_numbers'] = TRUE;
    $config['page_query_string'] = FALSE;

    $config['query_string_segment'] = "";

    $config['first_link'] = '&laquo; First &nbsp;';
    $config['first_tag_open'] = '<span>&nbsp;';
    $config['first_tag_close'] = '</span>&nbsp;';

    $config['last_link'] = 'Last &raquo;';
    $config['last_tag_open'] = '<span>&nbsp;';
    $config['last_tag_close'] = '</span>&nbsp;';

    $config['next_link'] = 'Next &rarr;';
    $config['next_tag_open'] = '<span>&nbsp;';
    $config['next_tag_close'] = '</span>&nbsp;';

    $config['prev_link'] = '&larr; Prev';

```

```

$config['prev_tag_open'] = '<span>&nbsp;';
$config['prev_tag_close'] = '</span>&nbsp;';

$config['num_tag_open'] = '<span>&nbsp;';
$config['num_tag_close'] = '</span>&nbsp;';

$config['anchor_class'] = 'follow_link';

$this->pagination->initialize($config);

$page = ($this->uri->segment(2)) ? $this->uri->segment(2) : 1;
$data["data"] = $this->user_detail->fetch_user_detail($config["per_page"], $page);

// paging link
$data["links"] = $this->pagination->create_links();

$this->load->view('pagination', $data);
}
}
?>

```

- ✓ Next, we'll need a model file `models/User_detail.php` that fetches records from the `user_detail` table.

```

<?php

class User_detail extends CI_Model {

    // get all records
    public function fetch_user_detail($limit, $start) {

        $this->db->limit($limit, (($start-1) * $limit));
        $query = $this->db->get("user_detail");

        if ($query->num_rows() > 0) {
            foreach ($query->result() as $row) {
                $data[] = $row;
            }
        }
    }
}

```

```

        return $data;
    }
    return false;
}

// get tottal count
public function record_count() {
    return $this->db->count_all("user_detail");
}
}
?>

```

Finally, let's create a view file at `views/Pagination.php` that displays the user listing.

```

<!DOCTYPE html>
<html lang="en">

<head>
    <title>Pagination</title>

</head>
<body>

    <?php foreach ($data as $val) { ?>
        <p><strong><?= $val->username ?></strong></p>
        <p><?= $val->description ?></p>
        <br><hr>
    <?php } ?>

    <div class="pagination ">

        // Pagination
        <?php echo $links; ?>

    </div>
</body>
</html>

```

✓ **Result :**



Varsa Vekriya

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[← Prev](#) [1](#) [2](#)

You can add the following content in config/routes.php file.

➤ `$route['Pagagination/(:num)'] = 'Pagagination';`