

Introduction

PHP Redis ToDo is an open-source PHP web application based on Redis storage. This is an exercise application built for coding exercise purposes. The expiration time of the stored data is 7 days. This is applied every time when you make any changes to To-Do data.

System Requirements

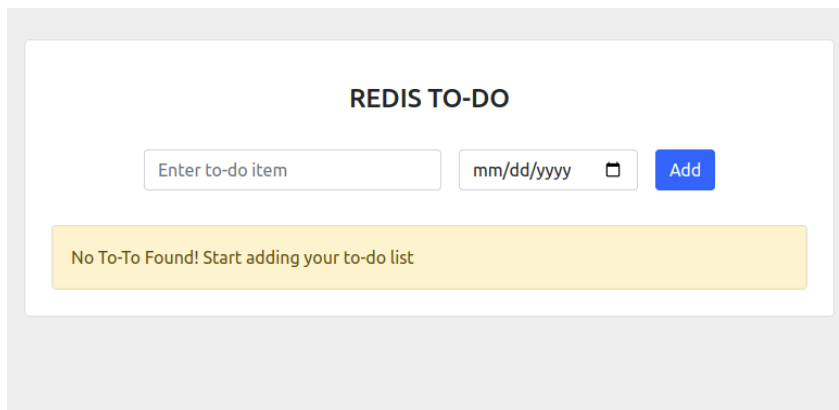
- Redis Server
- PHP version 5.6 or newer
- Web Server (Apache2 is recommended)

Installation

- Clone the repository by running the following command
`git clone https://github.com/wEbCoAdEr/PHP-Redis-To-Do.git`
- After cloning the repository a folder named **PHP-Redis-To-Do** will be created and that is the application folder of **PHP Redis ToDo**.
- The folder “**PHP-Redis-To-Do**” contains all the application files. Place the files inside your web server root directory or inside any sub-directories according to your needs.
- Now you have to install Redis on your PC/Server as **PHP Redis ToDo** uses **Redis** as data storage.
- After the setup process of **Redis Server**, you need to configure **Redis** on `application/config/redis.php` which is the **Redis** configuration file of **PHP Redis ToDo**.

How to use

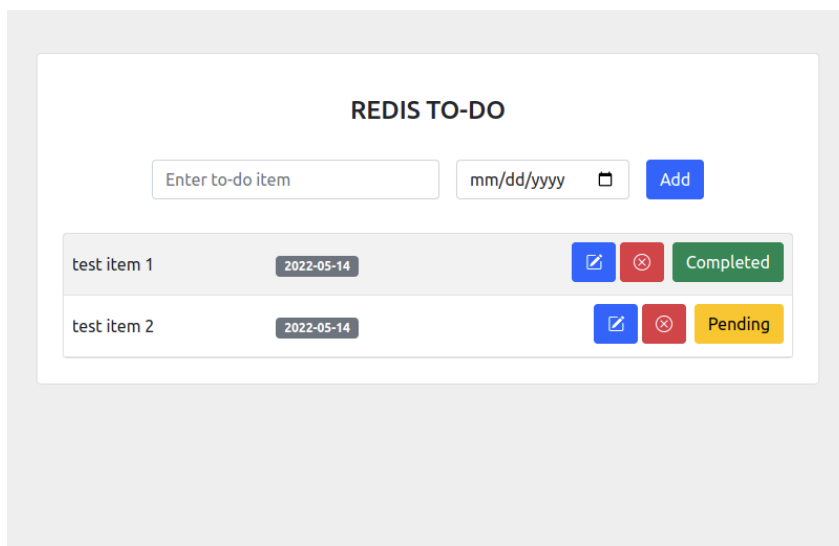
- **Application URL:** The URL of the application is the URL of your server directory where you have placed the application files. If you have placed the application files inside a sub-directory of your root directory the URL path is relative to your root directory URL path.
- **Add To-Do List:** There is a task add form at the top of the application interface.







The screenshot shows the 'REDIS TO-DO' application interface. At the top, there is a title 'REDIS TO-DO'. Below it, there is a form with a text input field labeled 'Enter to-do item', a date input field labeled 'mm/dd/yyyy' with a calendar icon, and a blue 'Add' button. Below the form, there is a yellow message box that says 'No To-To Found! Start adding your to-do list'.

Enter your to-do item, select the due date then click on the **Add** button to add a new To-Do.

- **Update To-Do Status:** After adding your To-Do, all the stored To-Do will appear in the list table.



The screenshot shows the 'REDIS TO-DO' application interface with a list of To-Do items. At the top, there is a title 'REDIS TO-DO'. Below it, there is a form with a text input field labeled 'Enter to-do item', a date input field labeled 'mm/dd/yyyy' with a calendar icon, and a blue 'Add' button. Below the form, there is a table with two rows of To-Do items.

test item 1	2022-05-14			Completed
test item 2	2022-05-14			Pending

Completed & Pending are the two available statuses of every To-Do. Click on the status badge to toggle your To-Do status.

- **Update To-Do:** Click on the blue Edit button to update your existing To-Do data.

The screenshot shows a web application interface for managing To-Do items. At the top, there is a modal dialog for editing an item. The modal contains a text input field with the value 'test item 1', a date input field with the value '05/15/2022' and a calendar icon, and two buttons: a blue 'Save' button and a red 'Cancel' button. Below the modal, the main interface has a form with a text input labeled 'Enter to-do item', a date input labeled 'mm/dd/yyyy' with a calendar icon, and a blue 'Add' button. At the bottom, there is a list of To-Do items. The first item is 'test item 1' with a date of '2022-05-15'. To the right of the item are three buttons: a blue edit button (pencil icon), a red delete button (X icon), and a yellow 'Pending' button.

After clicking on the edit button you can change your existing content and then click on the Save button to update your changes.

- **Delete To-Do:** Click on the red Delete button to delete any specific To-Do.