

# Laravel - Cookie

Topics : [Laravel](#)

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In Laravel, working with cookies is a common task for managing user sessions, storing preferences, or tracking user activity. Laravel provides a convenient and expressive way to interact with cookies through its Cookie facade and various helper functions.

Here's a brief overview of how you can work with cookies in Laravel:

## Storing Cookies:

You can use the `cookie` method to create a new cookie instance. The basic syntax is as follows:

```
use Illuminate\Support\Facades\Cookie;
```

```
Cookie::make($name, $value, $minutes);
```

- `$name`: The name of the cookie.
- `$value`: The value to be stored in the cookie.
- `$minutes`: The number of minutes until the cookie expires.

Example:

```
use Illuminate\Support\Facades\Cookie;
```

```
// Create a cookie that expires in 30 minutes
```

```
Cookie::make('username', 'john_doe', 30);
```

## Retrieving Cookies:

You can retrieve cookies using the `request` helper or the `Cookie` facade. Here's an example:

```
use Illuminate\Support\Facades\Cookie;
```

```
// Using the request helper
```

```
$username = request()->cookie('username');
```

```
// Using the Cookie facade
```

```
$username = Cookie::get('username');
```

## Queued Cookies:

You can queue cookies to be attached to the HTTP response using the `cookie` helper. This is useful when you want to set a cookie, but the response has already been sent:

```
use Illuminate\Support\Facades\Cookie;

// Queue a cookie to be sent with the next response
Cookie::queue('username', 'john_doe', 30);
```

## Deleting Cookies:

To delete a cookie, you can use the `forget` method:

```
use Illuminate\Support\Facades\Cookie;

// Delete the 'username' cookie
Cookie::forget('username');
```

## Encrypted Cookies:

Laravel provides a simple way to encrypt cookies using the `encrypt` method:

```
use Illuminate\Support\Facades\Cookie;

$encryptedValue = Cookie::encrypt('secret_value');
```

To decrypt an encrypted cookie value, you can use the `decrypt` method:

```
use Illuminate\Support\Facades\Cookie;

$decryptedValue = Cookie::decrypt($encryptedValue);
```

## Laravel - Cookie using Illuminate\Http\Request

In Laravel, you can work with cookies using the `Illuminate\Http\Request` object. The `Request` object has a `cookie` method that allows you to retrieve the value of a cookie. Additionally, you can use the `cookie` method on the `Illuminate\Http\Response` object to set cookies.

Here's a simple example of how to work with cookies using the `Illuminate\Http\Request` object:

```
use Illuminate\Http\Request;

// Get the Request object
$request = Request::capture();
```

```
// Retrieve the value of a cookie
$username = $request->cookie('username');

// Do something with the cookie value
if ($username) {
    echo "Welcome back, $username!";
} else {
    echo "Welcome, new user!";
}
```

In this example, we first capture the current request using `Request::capture()`. Then, we use the `cookie` method on the `Request` object to retrieve the value of a cookie named 'username'. Finally, we use the retrieved value to display a personalized message.

If you want to set cookies, you typically use the `cookie` method on the `Illuminate\Http\Response` object. Here's an example:

```
use Illuminate\Http\Response;

// Create a new Response object
$response = new Response('Hello, World!');

// Use the cookie method to set a cookie
$response->cookie('username', 'john_doe', 30);

// Send the response
$response->send();
```

In this example, we create a new `Response` object, and then use the `cookie` method to set a cookie named 'username' with the value 'john\_doe' that will expire in 30 minutes. Finally, we send the response to the browser.

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