Documentation

of

Bambu Image Crop Tool

Table of Contents

Overview:

Bambu Image Crop Tool is powerful touchscreen compatible cropping tool developed with JavaScript & PHP (Object-Oriented Programming) which allows you to upload picture (Ajax based upload picture without page refresh) and crop into three different shapes: **Circle**, **Rectangle** and now in **Oval**, developers can easily use Bambu Image Crop Tool into their projects (websites / applications).

What is Cropping?

Cropping is the removal of unwanted outer areas from a photographic or illustrated **image**. Depending on the application, this can be performed on a physical photograph, artwork, or film footage, or it can be achieved digitally by using **image** editing software.

Features:

- Touchscreen compatible crop tool
- 360 live rotation while cropping
- Ajax based upload picture without page refresh.
- Crop Image in three different shapes: **Circle, Rectangle, Oval**
- Cropping and resizing is done through Canvas.
- Crop & Upload (Save cropped image in database and directory)
- Backend scripting not required. Minimal clean code.
- Optimized for fast performance
- Works in all the major browsers
- Fully Responsive, Mobile Ready!

Languages Used in Bambu Image Crop Tool:

- HTML
- CSS
- JavaScript
- PHP
- Ajax

Installation:

Step 1: Create Database

Step 2: Upload SQL File (which is provided with script package)

Step 3: Update Code

1: Set Connection

Connection File Path: Attach > Connection.php

```php
<?php
// Connection Class
class db{
// Connection Variables
public $conn;
public $dsn = "mysql:host=localhost; dbname=YOUR_DATABASE_NAME";
public $db_user = "YOUR_DATABASE_USERNAME";
public $db_pass = "YOUR_DATABASE_PASSWORD";
// Auto Call Construct Function
public function __construct(){
    // Connection
    try{
        $this->conn = new PDO($this->dsn, $this->db_user, $this->db_pass);
        // Set Errot Mode
        $this->conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
    }
    catch(PDOException $c){
        echo("Connection Error");
    }
// End Connection
}
// End Class
}

?>
```

2: Directory Save Path

Save Image File Path: save-images.php

```php
<?php

// Attach Files
include("attach/connection.php");
include("attach/classes/queries.php");

// Run Queries
$queries = new Queries;

// Get Image
$filename = 'pic_'.date('YmdHis') . '.jpg';
move_uploaded_file($_FILES["avatar"]["tmp_name"], 'images/cropped/'.$filename);

$userID = "Guest";
$value = "Square";
$imgCode = rand();

// Insert To Database
$insertQuery = "INSERT INTO `image_crop` (`image`, `user`, `value`, `code`) VALU
$param = [$filename, $userID, $value, $imgCode];
$runQuery = $queries->query($insertQuery,$param);

?>
```

SAVED IMAGE PATH

Thank You :)