Convert uploaded pdf file to jpg in codeigniter

Asked 4 years, 4 months ago Active 3 years, 9 months ago Viewed 4k times



I am currently beginning to learn Codelgniter. There is this site that I've been working on.



In this site, users can upload PDF files but they are only allowed to view their uploaded files in JPG format. The question is, how can I convert the PDF file into JPG on the time of upload and store JPG format instead of PDF.



here is the code of my CONTROLLER



```
public function upload()
    if($this->session->userdata('logged_in'))
        $session_data = $this->session->userdata('logged_in');
        $data['username'] = $session_data['username'];
        $data['permission'] = $session_data['permission'];
            if($data['permission']=='Super Admin' || $data['permission']=='Admin'){
                $this->load->view('header');
                $this->load->view('upload_form', array('error' => ' ' ));
            }
       }
       else
         redirect('login', 'refresh');
}
function do upload()
    $config['upload path'] = './uploads/';
    $config['allowed types'] = 'pdf';
    $config['max_size'] = '10000';
    $this->load->library('upload', $config);
    if ( ! $this->upload->do_upload())
        $error = array('error' => $this->upload->display_errors());
        $this->load->view('header');
        $this->load->view('upload_form', array('error' => ' '));
    }
    else
        $data = array('upload_data' => $this->upload->data());
        $upload_data = $this->upload->data();
        $session_data = $this->session->userdata('logged_in');
        $first = $session_data['firstname'];
        $last = $session_data['lastname'];
        $dept = $session_data['department'];
        $uploader = $first." ".$last;
        $name = $upload_data['file_name'];
        $path = $upload data['file path'];
        $this->db->query("INSERT INTO tbl_uploaded
```

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```
redirect('csfi','refresh');
}
```

I've already read about **Imagick** but I don't know how to use it in Codelgniter. Can you give me some tutorials and examples or a much easier way to convert PDF to JPG in Codelgniter?

Thank you in advance guys.

codeigniter pdf imagemagick-convert

asked Feb 23 '16 at 4:02



1 Try this link forum.codeigniter.com/printthread.php?tid=610 - msvairam Feb 23 '16 at 5:24

@msvairam Thank you for your help. But unfortunately, I am using Codeigniter and not the native PHP, is it possible to use ImageMagick in CI? – Angelo Feb 23 '16 at 6:54

1 Codeigniter is only a php framework. You still have the entire php functionality available to you if it is supported by your server. – whitwhoa Feb 23 '16 at 16:53

1 Answer









```
$config
                          = array();
$config['allowed_types'] = 'pdf';
$config['overwrite']
                          = TRUE;
$config['remove_spaces'] = TRUE;
$this->load->library('upload', $config);
// Image manipulation library
$this->load->library('image_lib');
foreach ($notes['name'] as $key => $note)
    $ FILES['notes']['name']
                                  = $notes['name'][$key];
    $_FILES['notes']['type']
                                  = $notes['type'][$key];
    $_FILES['notes']['tmp_name'] = $notes['tmp_name'][$key];
    $_FILES['notes']['error']
                                  = $notes['error'][$key];
    $_FILES['notes']['size']
                                  = $notes['size'][$key];
    $extension
                                  = pathinfo($_FILES['notes']['name'],
PATHINFO EXTENSION);
                                  = uniqid(rand(), true);
    $unique no
                                  = $unique_no.'.'.$extension; // with ex
    $filename[$key]
                                  = $unique_no; // without ex
    $filename2[$key]
                                  = "notes files/";
    $target_path
    if (!is_dir($target_path))
        mkdir('./'.$target_path, 0777, true);
    }
```

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```
$this->upload->initialize($config);
    if (! $this->upload->do_upload('notes'))
        return array('error' => $this->upload->display_errors());
    }
    // converting pdf to images with imagick
                    = new Imagick();
    $im->setResolution(160,220);
    ig = 0;
    while(true)
        try {
            $im->readimage($config['upload_path'].$config['file_name']."[$ig]");
        } catch (Exception $e) {
            sig = -1;
        if($ig === -1) break;
        $im->setImageBackgroundColor('white');
        $im->setImageAlphaChannel(imagick::ALPHACHANNEL_REMOVE);
        $im->mergeImageLayers(imagick::LAYERMETHOD_FLATTEN);
        $im->setImageFormat('jpg');
                        = $filename2[$key]."_$ig".'.jpg';
        $image name
                        = $im->getImageGeometry();
        $imageprops
        $im->writeImage($config['upload_path'] .$image_name);
        $im->clear();
        $im->destroy();
        // change file permission for file manipulation
        chmod($config['upload_path'].$image_name, 0777); // CHMOD file
        // add watermark to image
        $img_manip
                                = array();
        $img_manip
                                = array(
            'image_library'
                               => 'gd2',
                                => 'overlay',
            'wm_type'
            'wm_overlay_path'
                                => FCPATH . '/uploads/institutes/'.$institute_logo, //
path to watermark image
                                => '10',
            'wm_x_transp'
                                => '10',
            'wm_y_transp'
                                => '10',
            'wm_opacity'
            'wm vrt alignment' => 'middle',
            'wm hor alignment' => 'center',
                                => $config['upload path'].$image name
            'source image'
        );
        $this->image lib->initialize($img manip);
        $this->image lib->watermark();
ImageJPEG(ImageCreateFromString(file get contents($config['upload path'].$image name)),
$config['upload path'].$image name, );
        $ig++;
    }
    // unlink the original pdf file
    chmod($config['upload path'].$config['file name'], 0777); // CHMOD file
    unlink($config['upload path'].$config['file name']);
                                                            // remove file
```

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```
'data' => 'Success',
   'status' => 'success'
)));
```

Try this, you can upload and convert multiple files using this.

answered Sep 26 '16 at 5:38



