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ICT Department

# បញ្ចូលរូបភាពចូលក្នុង Server

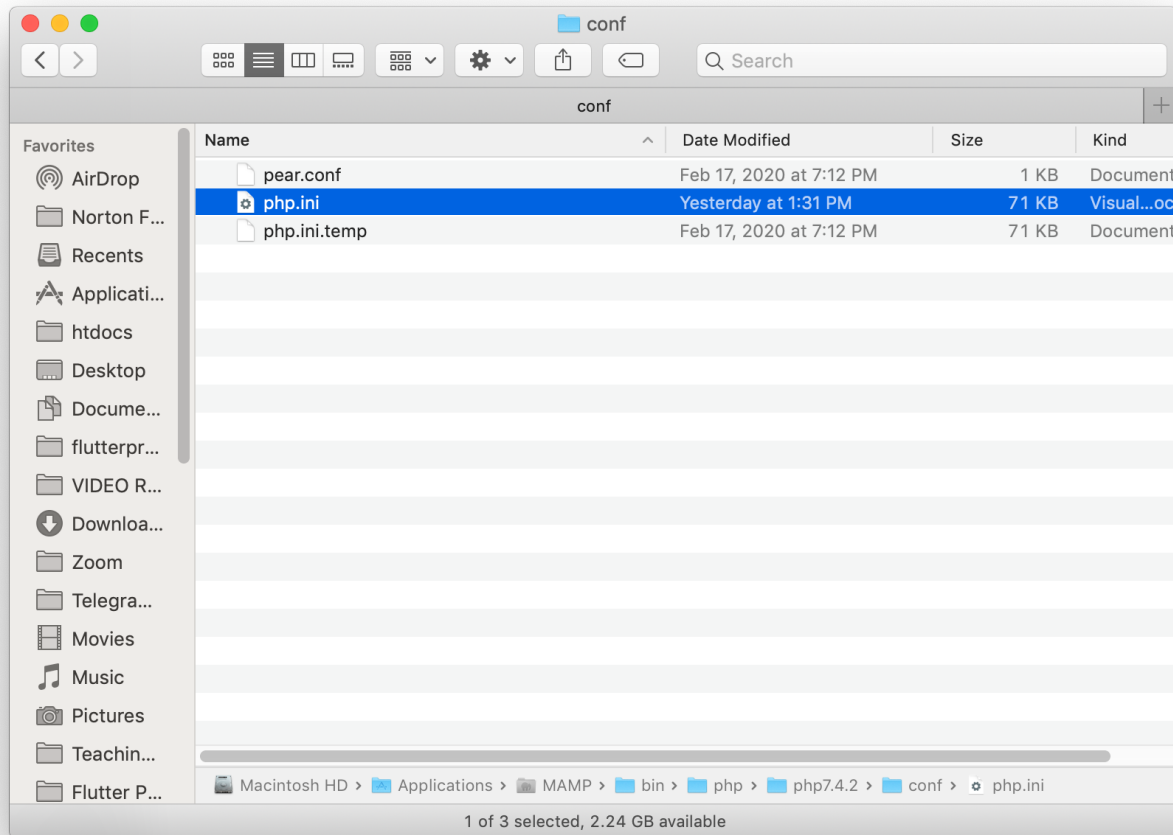
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## 1. បើនៅក្នុង MAMP, សូមចូលក្នុង

MAMP\bin\php\php7.4.2\conf\php.ini



2. កែចំនុចខាងក្រោម អោយអាចដាក់ file ធំបំផុត 2GB៖

`memory_limit = 2048M`

`upload_max_filesize = 2048M`

`post_max_size = 2048M`

# សរសេរកូដ PHP ចាំសំរាប់ទទួល File ពី Flutter

```
<?PHP
```

```
$file = $_POST['file'];  
$name = $_POST['name'];
```

```
echo "file: " . $file;  
echo "name: " . $name;
```

```
$realFile = base64_decode($file);
```

```
$dir = "filefolder";
```

```
$fullpath = __DIR__ . DIRECTORY_SEPARATOR . $dir . DIRECTORY_SEPARATOR . $name;
```

```
file_put_contents($fullpath, $realFile);
```

```
echo "OK";
```

```
?>
```

# របៀបប្រើ Image Picker ដើម្បីជ្រើសយករូបភាពចេញពី Gallery និង Camera

1. ដាក់ lib ក្នុង pubspec.yaml:

```
image_picker: ^0.6.5+3
```

2. បន្ទាប់មកយើងប្រើ ImagePicker បាន៖

```
import 'dart:io';

import 'package:image_picker/image_picker.dart';

Future getImage({ImageSource imageSource = ImageSource.gallery}) async {
  File file = await ImagePicker.pickImage(
    source: imageSource, maxHeight: 600, maxWidth: 800);
  return file;
}
```

3. បើចង់បានរូបភាពពីកាមេរ៉ា គឺប្រើ ImageSource.camera

### 3. សំរាប់ការ upload file, យើងប្រើ dio៖

**dio:** ^3.0.9

```
enum UploadStatus { Successful, Failed}

Future<UploadStatus> uploadFile(File file) async{
  Uint8List byteFile = file.readAsBytesSync();
  String base64Image = await compute(base64Encode, byteFile);
  String fileName = file.path.split("/").last;
  FormData formData = FormData.fromMap({
    "name" : fileName,
    "file" : MultipartFile.fromString(base64Image),
  });
  Response response = await Dio().post(fullServerPath, data: formData);
  if(response.statusCode == 200){
    print(response.data);
    return UploadStatus.Successful;
  }
  else{
    print("Error: ${response.statusCode}");
    return UploadStatus.Failed;
  }
}
```

```
upload_repo.dart ×  
1  import 'dart:convert';  
2  import 'dart:io';  
3  import 'dart:typed_data';  
4  
5  import 'package:dio/dio.dart';  
6  import 'package:flutter/foundation.dart';  
7  
8  const String baseUrl = "http://192.168.7.107:8888/";  
9  const String server = "fileuploader/fileuploader.php";  
10 const String fullServerPath = baseUrl + server;  
11  
12 enum UploadStatus { Successful, Failed}  
13
```

```
14 Future<UploadStatus> uploadFile(File file) async{
15
16   Uint8List byteFile = file.readAsBytesSync();
17   String base64Image = await compute(base64Encode, byteFile);
18   String fileName = file.path.split("/").last;
19   print(fileName);
20
21   FormData formData = FormData.fromMap({
22     "name" : fileName,
23     "file" : MultipartFile.fromString(base64Image),
24   });
25
26   Response response = await Dio().post(fullServerPath, data: formData);
27
28   if(response.statusCode == 200){
29     print(response.data);
30     return UploadStatus.Successful;
31   }
32   else{
33     print("Error: ${response.statusCode}");
34     return UploadStatus.Failed;
35   }
36 }
37
```



```

image_page.dart x
1  import 'dart:io';
2
3  import 'package:flutter/material.dart';
4  import 'package:flutteruploadfile/pages/video_page.dart';
5  import 'package:flutteruploadfile/repos/image_repo.dart';
6  import 'package:flutteruploadfile/repos/upload_repo.dart';
7  import 'package:image_picker/image_picker.dart';
8
9  class ImagePage extends StatefulWidget {...}
13
14  class _ImagePageState extends State<ImagePage> {
15    @override
16    Widget build(BuildContext context) {
17      return Scaffold(
18        appBar: AppBar(
19          title: Text("Image Uploader"),
20          actions: <Widget>[
21            IconButton(icon: Icon(Icons.camera_alt), onPressed: _onClickCamera),
22            IconButton(icon: Icon(Icons.image), onPressed: _onClickImageGallery),
23            IconButton(
24              icon: Icon(Icons.file_upload), onPressed: _onClickFileUpload),
25          ],
26        ),
27        body: _buildBody(),
28      );
29    }
30

```

image\_page.dart ×

```
31   File _file;
32
33   void _onClickCamera() async {
34     File file = await getImage(imageSource: ImageSource.camera);
35     if (file != null) {
36       setState(() {
37         _file = file;
38       });
39       print("image_page.dart, _file.path: ${_file.path}");
40     }
41   }
42
43   void _onClickImageGallery() async {
44     File file = await getImage();
45     if (file != null) {
46       setState(() {
47         _file = file;
48       });
49       print("image_page.dart, _file.path: ${_file.path}");
50     }
51   }
52
```

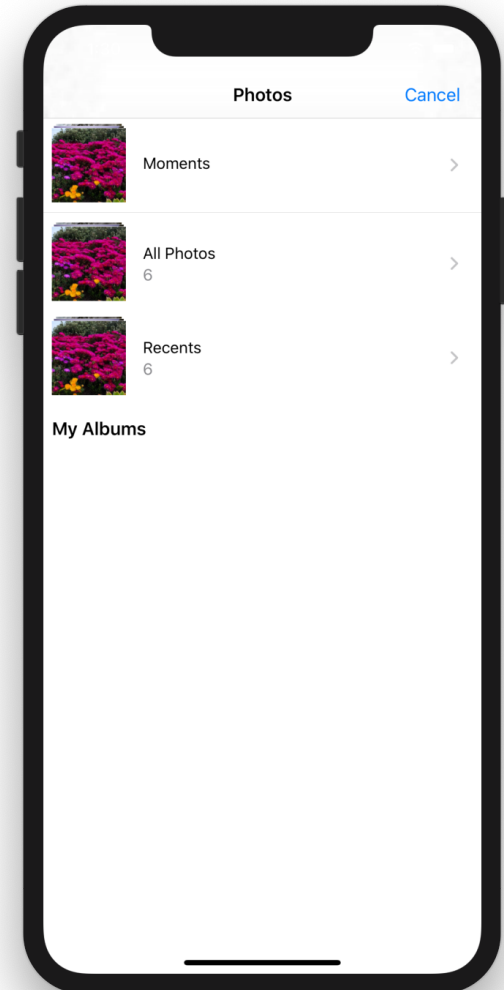
image\_page.dart x

```

53 void _onClickFileUpload() async {
54   if (_file != null) {
55     UploadStatus uploadStatus = await uploadFile(_file);
56     if (uploadStatus == UploadStatus.Successful) {
57       print("File uploaded successfully");
58     } else {
59       print("File upload failed");
60     }
61   } else {
62     print("No file selected");
63   }
64 }

65
66 _buildBody() {
67   return Container(
68     alignment: Alignment.center,
69     child: Container(
70       width: MediaQuery.of(context).size.width,
71       height: 500,
72       child: _file != null
73         ? Image.file(_file, fit: BoxFit.contain)
74         : Icon(Icons.image, size: 100, color: Colors.grey),
75     ),
76   );
77 }
78
79

```



iPhone 11 Pro Max — 13.2.2