

第十一课 Yii2 数据缓存及文件上传

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1、Cache 组件

Yii2 提供多种类型的缓存的缓存方式，文件缓存，Memcache 缓存，Redis 缓存等。我们实例是以 FileCache 为准，操作的话都是一致的，Cache 已经统一之间的接口。

① 配置缓存组件

```
/config/web.php
<?php
...
'components' => [
    'cache' => [
        'class' => 'yii\caching\FileCache',
    ],
]
..
?>
```

② 添加缓存(add, set 这些用法都是一致的，我们就只说 add)

```
\Yii::$app->cache->add('name', 'smister');
//添加多个
\Yii::$app->cache->madd(['name' => 'smister', 'web' => 'smister.com']);
```

③ 读取缓存

```
\Yii::$app->cache->get('name');
//读取多个
\Yii::$app->cache->mget(['name', 'web']);
```

④ 判断一个缓存是否存在

```
\Yii::$app->cache->exists('name');
```

⑤ 删除缓存

```
//删除单个
\Yii::$app->cache->delete('name');
//清除所有缓存
\Yii::$app->cache->flush();
```

2、单个文件上传

创建一个上传的 Model 为 Upload.php，Controller 用 TestController.php，View 用 upload.php

① 首先创建并配置 Model 的中 Upload.php

```
<?php
namespace \app\models;
class Upload extends \yii\base\Model {
    public $image;
    public function rules(){
        return [
            ['image', 'file', 'skipOnEmpty' => false, 'extensions' => 'png,jpg'],
        ];
    }

    public function upload(){
        If($this->validate()){
            //这里中文 baseName 会为空
            $this->image->saveAs('../runtime/' . $this->image->baseName . '.' .
            $this->image->extension);
            return true;
        }
        return false;
    }
}
```

?>

//具体的验证规则可以参照文档

<http://www.yiiframework.com/doc-2.0/yii-validators-filevalidator.html>

② Controller 中的代码如下

```
<?php
namespace \app\controllers;
class TestController extends \yii\web\Controller {
    public function actionUpload(){
        $upload = new \app\models\Upload();
        If(\Yii::$app->request->isPost){
            $upload->image=\yii\web\UploadedFile::getInstance($upload , 'image');
            If($upload -> upload()){
                echo '上传成功';
            }else{
                var_dump($upload->getErrors());
            }
        }
        return $this->render('upload' , ['model' => $upload]);
    }
}
```

?>

③视图文件 upload.php 代码如下

```
<?php
    use yii\helpers\Html;
?>
<?=Html::beginForm("", 'post', ['enctype' => 'multipart/form-data'])?>
    <?=Html::activeFileInput($model, 'image', ['class' => 'upload'])?>
    <?=Html::submitButton('提交', ['class' => 'btn btn-primary']);?>
<?=Html::endForm();?>
```

3、多文件上传

多个文件上传跟单个文件上传基本上大同小异，我们还是按照单个文件上传的代码进行修改

① 首先创建并配置 Model 的中 Upload.php

```
<?php
namespace \app\models;
class Upload extends \yii\base\Model {
    public $images;
    public function rules(){
        return [
            //maxFile 是上传的个数
            ['images', 'file', 'skipOnEmpty' => false, 'extensions' => 'png,jpg',
            'maxFiles' => 4],
        ];
    }

    public function upload(){
        If($this->validate()){
            //这里的变成 foreach，一个 image 是一个对象
            foreach($this->images as $image){
                $image->saveAs('../runtime/' . $image->baseName . '.' .
                $image->extension);
            }
            return true;
        }
        return false;
    }
}
?>
```

② Controller 中的代码如下

```
<?php
namespace \app\controllers;
class TestController extends \yii\web\Controller {
    public function actionUpload(){
        $upload = new \app\models\Upload();
        If(\Yii::$app->request->isPost){
            //这里变成 getInstances , 这里是有多个 s 的
            $upload->image=\yii\web\UploadedFile::getInstances($upload
            ,
            'images');
            If($upload -> upload()){
                echo '上传成功';
            }else{
                var_dump($upload->getErrors());
            }
        }
        return $this->render('upload' , ['model' => $upload]);
    }
}
?>
```

③视图文件 upload.php 代码如下

```
<?php
use yii\helpers\Html;
?>
<?=Html::beginForm("", 'post' , ['enctype' => 'multipart/form-data'])?>
<!-- 注意这里的字段名需要加多个中括号 -->
<?=Html::activeFileInput($model , 'images[]' , ['class' => 'upload'])?>
<?=Html::activeFileInput($model , 'images[]' , ['class' => 'upload'])?>
<?=Html::activeFileInput($model , 'images[]' , ['class' => 'upload'])?>
<?=Html::submitButton('提交' , ['class' => 'btn btn-primary']);?>
<?=Html::endForm();?>
```

更详细请参阅: <http://www.yiiframework.com/doc-2.0/guide-input-file-upload.html>

感谢收看本次教程!

<http://www.smsiter.com>