

## 第六课 Yii2 深入了解模型之增删改查

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### 1、ActiveRecord 类型的增删改查

以\app\models\Article 模型为准，来操作以下函数

#### 1) 查询数据

##### ①findAll 查询多条数据

```
\app\models\Article::findAll(['status' => '1']); //查询 Article , status 为 1 的所有数据
```

##### ②根据 findOne 进行查询，根式\app\models\Article::findOne('条件');

```
\app\models\Article::findOne(1); //直接根据 id 查询
```

```
\app\models\Article::findOne(['status' => '1']); //根据指定条件查询
```

##### ③根据 find()进行查询，find 可以连接查询

```
//查询一条 id 等于 1 的数据
```

```
\app\model\Article::find()->where(['id' => 1])->one();
```

```
//查询 status 等于 1 的所有数据
```

```
\app\model\Article::find()->where(['status' => '1'])->all();
```

或

```
\app\model\Article::find()->where('status=:status' , ['status' => '1'])->all();
```

```
//查询 status 等于 1 的所有数据，根据 date 排序
```

```
\app\model\Article::find()->where(['status' => '1'])->orderBy('date DESC')->all();
```

```
//查询 status 等于 1 的数据，根据 date 排序，从第 5 条开始，读取 3 条
```

```
\app\model\Article::find()->where(['status'=>'1'])->orderBy('date DESC')->offset(5) ->limit(3) ->all();
```

##### ④更新一条数据

```
$article = \app\models\Article::findOne(1);
```

```
$article -> title = 'change title';
```

```
//save 函数第一个参数默认为 true，就是更新或插入启动验证
```

```
//如果不想使用验证可以用 save(false);
```

```
$article -> save();
```

##### ⑤更新指定属性 updateAll('更新的属性','条件')

```
\app\models\Article::updateAll(['title' => 'change title' ] , ['id' => 1]);
```

##### ⑥添加一条新数据

```
$article = new \app\models\Article();
```

```
$article -> title = 'new one';
```

```
$article -> content = 'this is new';
```

```
$article -> save();
```

⑦删除一条数据

```
\app\models\Article::findOne(1)->delete();
```

⑧删除指定条件的数据

```
\app\models\Article::deleteAll(['id' => 2]);
```

2、\yii\db\Query 查询数据

```
$db = new \yii\db\Query;
```

```
//查询一条 id 等于 2 的数据
```

```
$db->select('id')->from('mrs_article')->where("id=:id ", [':id' => 2])->one();
```

```
$db->select('id')->from('mrs_article')->where(['id' => 1])->one();
```

```
//查询多条
```

```
$db->select('id')->from('mrs_article')->where(['status' => '1'])->all();
```

```
//in 查询多条
```

```
$db->select('id')->from('mrs_article')->where(['id' => [1,2]])->all();
```

```
//根据时间排序 ,并且从第 5 条开始获取 3 条
```

```
$db->select('id')->from('mrs_article')->orderBy('date DESC')->offset(5)->limit(3)->all();
```

```
//查询数据总个数
```

```
$db->select('id')->from('mrs_article')->count();
```

3、Yii::\$app->db 进行增删改查

① 查询数据

```
//查询一条数据
```

```
\Yii::$app->db->createCommand("SELECT * FROM mrs_article")->queryOne();
```

```
//绑定单个防注入参数
```

```
\Yii::$app->db->createCommand("SELECT * FROM mrs_article where id=:id")  
->bindValue(":id", 2)->queryOne();
```

```
//绑定多个防注入参数
```

```
\Yii::$app->db->createCommand("SELECT * FROM mrs_article where id=:id AND  
status=:status")->bindValues([':id' => 1, ':status' => '1'])->queryOne();
```

```
//查询多条数据
```

```
\Yii::$app->db->createCommand("SELECT * FROM mrs_article")->queryAll();
```

```
//查询指定数据的字段的数据
```

```
$db = \Yii::$app->db;
```

```
$db->createCommand("SELECT COUNT(*) FROM mrs_article")->queryScalar();
```

② 更新数据

```
$db = \Yii::$app->db->createCommand();
```

```
$db->update('mrs_article', ['status'=>0], "id=:id", [':id' => 1])->execute();
```

③插入数据

```
$db = \Yii::$app->db->createCommand();
```

```
$db->insert('mrs_article', ['title'=>'new Record'])->execute();
```

④删除数据

```
$db = \Yii::$app->db->createCommand();  
$db->delete('mrs_article' , "id=:id" , [':id' => 1] )->execute();
```

感谢收看本次教程！