

yii2中AR哲学

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知其然知其所以然， yii2中的db目录里 ActiveRecord 第一行就写明了 设计模式 或者 说设计哲学

* Active Record implements the [Active Record design pattern](http://en.wikipedia.org/wiki/Active_record).

https://en.wikipedia.org/wiki/Active_record_pattern

```
/**
 * ActiveRecord is the base class for classes representing relational data in terms of objects.
 *
 * Active Record implements the [Active Record design pattern](http://en.wikipedia.org/wiki/Active_record).
 * The premise behind Active Record is that an individual [[ActiveRecord]] object is associated with a specific
 * row in a database table. The object's attributes are mapped to the columns of the corresponding table.
 * Referencing an Active Record attribute is equivalent to accessing the corresponding table column for that record.
 *
 * As an example, say that the `Customer` ActiveRecord class is associated with the `customer` table.
 * This would mean that the class's `name` attribute is automatically mapped to the `name` column in `customer` table.
 * Thanks to Active Record, assuming the variable `$customer` is an object of type `Customer`, to get the value of
 * the `name` column for the table row, you can use the expression `$customer->name`.
 * In this example, Active Record is providing an object-oriented interface for accessing data stored in the database.
 * But Active Record provides much more functionality than this.
 *
 * To declare an ActiveRecord class you need to extend [[\yii\db\ActiveRecord]] and
 * implement the `tableName` method:
 *
 * ```php
 * <?php
 *
 * class Customer extends \yii\db\ActiveRecord
 * {
 *     public static function tableName()
 *     {
 *         return 'customer';
 *     }
 * }
 * ```
 *
 * The `tableName` method only has to return the name of the database table associated with the class.
 *
 * > Tip: You may also use the [Gii code generator](guide:start-gii) to generate ActiveRecord classes from your
 * > database tables.
 *
 * Class instances are obtained in one of two ways:
```

```
*
* * Using the `new` operator to create a new, empty object
* * Using a method to fetch an existing record (or records) from the database
*
* Below is an example showing some typical usage of ActiveRecord:
*
* ```php
* $user = new User();
* $user->name = 'Qiang';
* $user->save(); // a new row is inserted into user table
*
* // the following will retrieve the user 'CeBe' from the database
* $user = User::find()->where(['name' => 'CeBe'])->one();
*
* // this will get related records from orders table when relation is defined
* $orders = $user->orders;
* ```
*
* For more details and usage information on ActiveRecord, see the [guide article on ActiveRecord](guide:db-active-record).
*
* @method ActiveRecord hasMany($class, array $link) see [[BaseActiveRecord::hasMany()]] for more info
* @method ActiveRecordhasOne($class, array $link) see [[BaseActiveRecord::hasOne()]] for more info
*
```

一个好的代码， 其实注释就是很好的学习文档，我个人结合英文原文和个人的理解进行翻译

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