会飞的鱼

永久域名 http://oryx.javaeye.com

**lujar**

浏览: **69179** 次

性别: ⚦

来自: 杭州

🔲 我现在离线

详细资料　　　留言簿

搜索本博客

最近访客　　>>更多访客

**ossd_小羊**　　**Rainbow702**

**workflow**　　**yanlp**

博客分类

- 全部博客 (623)
- **JAVA (24)**
- **Web (2)**
- **Hibernate (2)**
- **Struts (5)**
- **Ajax (1)**
- **Delphi (12)**
- **DOS (0)**

我的留言簿　　>>更多留言

- **\<listener\> \<listener-class\> ...**
  **-- by dj861212**
- **\</param-name\> \<param-value&g ...**

---

2006-06-08　　　　　　　　JavaScript高级应用：文件操作篇　|　2004年9月21日，我记录了网路上的第一个日 ...

# AutoCRUD - PHP 下的透明持久层

AutoCRUD是一个php下的持久层，虽然它目前只支持MySQL数据库，但是它无需配置，也很方便实用。
已建立下面几个表为例

```
CREATE TABLE `article` (
 `articleid` smallint(5) UNSIGNED NOT NULL AUTO_INCREMENT,
 `title` varchar(255) NOT NULL DEFAULT '',
 `content` text,
 `datetimestamp` int(10) UNSIGNED NOT NULL DEFAULT '0',
  PRIMARY KEY (`articleid`)
) TYPE=MyISAM AUTO_INCREMENT=1 ;

CREATE TABLE `article2category` (
 `article` smallint(5) UNSIGNED NOT NULL DEFAULT '0',
 `category` smallint(5) UNSIGNED NOT NULL DEFAULT '0',
  PRIMARY KEY (`article`,`category`)
) TYPE=MyISAM;
CREATE TABLE `category` (
 `categoryid` smallint(5) UNSIGNED NOT NULL AUTO_INCREMENT,
 `title` varchar(255) NOT NULL DEFAULT '',
 `parent` smallint(5) UNSIGNED DEFAULT '0',
  PRIMARY KEY (`categoryid`)
) TYPE=MyISAM AUTO_INCREMENT=1 ;
CREATE TABLE `comment` (
 `commentid` bigint(20) UNSIGNED NOT NULL AUTO_INCREMENT,
 `title` varchar(25) DEFAULT '',
 `author` varchar(255) DEFAULT NULL,
 `article` smallint(6) NOT NULL DEFAULT '0',
  PRIMARY KEY (`commentid`),
  KEY `article` (`article`)
) TYPE=MyISAM AUTO_INCREMENT=1 ;
CREATE TABLE `user` (
 `userid` smallint(5) UNSIGNED NOT NULL AUTO_INCREMENT,
 `username` varchar(255) NOT NULL DEFAULT '',
 `password` varchar(255) DEFAULT '',
  PRIMARY KEY (`userid`),
  UNIQUE KEY `username` (`username`)
) TYPE=MyISAM AUTO_INCREMENT=1;
```

基本操作
1 初始化

```php
<?php
include ('autocrud/autocrud.php');

$crud = new AutoCRUD;
$result = $crud->connect ('sa', '', 'demo');
if (autocrud_is_error($result) == true) {
    // error occured, find out what error
    echo $result->getCode() . ': ' . $result->getMessage();
    die();
}
$crud->generate();  // 该函数会自动生成一些存取数据所用的代码到数据库里面
?>
```

2 插入纪录

```php
<?php
// ...
```

其他分类

- [我的收藏](#) **(10)**
- [我的论坛主题贴](#) **(0)**
- [我的所有论坛贴](#) **(112)**
- [我的精华良好贴](#) **(0)**

最近加入圈子

存档

- [**2008-05**](#) **(9)**
- [**2008-04**](#) **(1)**
- [**2008-03**](#) **(2)**
- [更多存档...](#)

最新评论

- [**JavaScript**高级应用：例外
  ...](#)

  **exception handlers** 译成
  例外处理 倒是第一次听说。我
  们通常好 ...
  **-- by [peanut_sei](#)**

评论排行榜

RSS
Add to Google
订阅到 鲜果
**[什么是RSS?]**
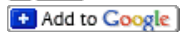
```php
// setup AutoCRUD
// ...

$new_row = array('title' => 'My article', 'content' => 'Article content goes here', 'datetimestamp' => time());
$result = $crud->article->insert ($new_row);
if (autocrud_is_error($result) == true) {
    // error occured, find out what error
    echo $result->getCode() . ': ' . $result->getMessage();
    die();
}
echo 'Row inserted';
?>
```

**3** 更新纪录

```php
<?php
$row = array('title' => 'New title 2', 'content' => 'New Article content goes here', 'datetimestamp' => time());

$id = '1';
$crud->article->where = "articleid = " . $crud->quote($id);
$result = $crud->article->update ($row);
// we left out the title, so error should be returned
if (autocrud_is_error($result) == true) {
    // error occured, find out what error
    echo $result->getCode() . ': ' . $result->getMessage();
    die();
}
echo 'Record updated';
?>
```

**4** 删除纪录

```php
<?php
// ...
// setup AutoCRUD
// ...

$crud->article->delete(1);
echo 'Record delete';
?>
```

**5** 选择纪录

```php
<?php
// ...
// setup AutoCRUD
// ...

// Get a list of articles
$list = $crud->article->select();
echo 'Number of records: ' . count($list) . ";
foreach ($list as $article) {
    echo $article['title'] . ";
}
?>
<?php
// Specify WHERE and ORDER BY
$crud->article->where = "articleid != 6";
$crud->article->orderby = "title DESC";

// Get a list of articles
$list = $crud->article->select();
echo 'Number of records: ' . count($list) . ";
foreach ($list as $article) {
    echo $article['title'] . ";
}
?>
```

翻页处理

```php
<?php
// Do paging
$crud->article->paging = true; # Enable paging
```

```php
$crud->article->perpage = 2; # Set number of records to show per page
$crud->article->currentpage = (empty($_GET['page'])) ? 1 : $_GET['page']; # Set current page

// Get a list of articles
$list = $crud->article->select();
echo 'Number of records: ' . count($list) . '';
foreach ($list as $article) {
    echo $article['title'] . '';
}
if ($crud->article->currentpage > 1) {
    echo '<a href="?page=' . ($crud->article->currentpage-1) . '">Previous Page</a> ';
}
if ($crud->article->currentpage < $crud->article->totalpages) {
    echo ' <a href="?page=' . ($crud->article->currentpage+1) . '">Next Page</a>';
}
?>
<?php
// Get article #5
$article = $crud->article->get(5);

if ($article == false) {
    echo 'Article doesn\'t exist';
}
echo '<pre>';
print_r ($article);
echo '</pre>';
?>
```

6 处理多表连接

```php
<?php
// Setup relationship
$crud->comment->addRelationship ($crud->article, 'article', 'articleid', 'many-to-one');

// Get articles and their comments
$crud->article->join ('comment');
$articles = $crud->article->select();
echo '<pre>';
print_r ($articles);
echo '</pre>';
?>
<?php
// Setup relationship
$crud->comment->addRelationship ($crud->article, 'article', 'articleid', 'many-to-one');

// Get comments and their article
$crud->comment->join ('article');
$comments = $crud->comment->select();
echo '<pre>';
print_r ($comments);
echo '</pre>';
?>
<?php
// Setup relationship
$crud->article2category->addRelationship ($crud->category, 'category', 'categoryid', 'many-to-many');
$crud->article2category->addRelationship ($crud->article, 'article', 'articleid', 'many-to-many');

// Get articles and the categories they belong to
$crud->article->join ('category');
$articles = $crud->article->select();
echo '<pre>';
print_r ($articles);
echo '</pre>';
?>
```

**10:19**  │  浏览 **(33)**          **JavaScript**高级应用：文件操作篇     **│**     **2004年9月21**日，我记录了网路上的第一个日 ...

评论 **(0)**   │   相关推荐

---

评论

---

发表评论

表情图标          字体颜色：  ⬜⬜      字体大小：⬜⬜          对齐：⬜⬜

提示：选择您需要装饰的文字，按上列按钮即可添加上相应的标签

您还没有登录，请登录后发表评论**(快捷键 Alt+S / Ctrl+Enter)**

---