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<?php
class Dbase {

    private $_host = "localhost";
    private $_user = "root";
    private $_password = "password";
    private $_name = "ecommerce";

    private $_conndb = false;
    public $_last_query = null;
    public $_affected_rows = 0;

    public $_insert_keys = array();
    public $_insert_values = array();
    public $_update_sets = array();

    public $_id;

    public function __construct() {
        $this->connect();
    }

    private function connect() {
        $this->_conndb = mysql_connect($this->_host, $this->_user, $this->_password);

        if (!$this->_conndb) {
            die("Database connection failed:<br />" . mysql_error());
        } else {
            $_select = mysql_select_db($this->_name, $this->_conndb);
            if (!$_select) {
                die("Database selection failed:<br />" . mysql_error());
            }
        }
        mysql_set_charset("utf8", $this->_conndb);
    }

    public function close() {
        if (!mysql_close($this->_conndb)) {
            die("Closing connection failed.");
        }
    }

    public function escape($value) {
        if(function_exists("mysql_real_escape_string")) {
            if (get_magic_quotes_gpc()) {
                $value = stripslashes($value);
            }
            $value = mysql_real_escape_string($value);
        } else {
            if(!get_magic_quotes_gpc()) {
                $value = addslashes($value);
            }
        }
        return $value;
    }
}
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}

public function query($sql) {
    $this->_last_query = $sql;
    $result = mysql_query($sql, $this->_conndb);
    $this->displayQuery($result);
    return $result;
}

public function displayQuery($result) {
    if(!$result) {
        $output = "Database query failed: ". mysql_error() . "<br />";
        $output .= "Last SQL query was: ".$this->_last_query;
        die($output);
    } else {
        $this->_affected_rows = mysql_affected_rows($this->_conndb);
    }
}

public function fetchAll($sql) {
    $result = $this->query($sql);
    $out = array();
    while($row = mysql_fetch_assoc($result)) {
        $out[] = $row;
    }
    mysql_free_result($result);
    return $out;
}

public function fetchOne($sql) {
    $out = $this->fetchAll($sql);
    return array_shift($out);
}

public function lastId() {
    return mysql_insert_id($this->_conndb);
}

public function prepareInsert($array = null) {
    if (!empty($array)) {
        foreach($array as $key => $value) {
            $this->_insert_keys[] = $key;
            $this->_insert_values[] = $this->escape($value);
        }
    }
}

public function insert($table = null) {
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if (
    !empty($table) &&
    !empty($this->_insert_keys) &&
    !empty($this->_insert_values)
) {

    $sql = "INSERT INTO `{$table}` (`";
    $sql .= implode("`", "`", $this->_insert_keys);
    $sql .= "`) VALUES (";
    $sql .= implode("'", "'", $this->_insert_values);
    $sql .= "'";

    if ($this->query($sql)) {
        $this->_id = $this->lastId();
        return true;
    }
    return false;
}

}

public function prepareUpdate($array = null) {
    if (!empty($array)) {
        foreach($array as $key => $value) {
            $this->_update_sets[] = "`{$key}` = '". $this->escape($value). "'";
        }
    }
}

public function update($table = null, $id = null) {
    if (!empty($table) && !empty($id) && !empty($this->_update_sets)) {
        $sql = "UPDATE `{$table}` SET ";
        $sql .= implode(", ", $this->_update_sets);
        $sql .= " WHERE `id` = '". $this->escape($id). "'";
        return $this->query($sql);
    }
}
}
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}
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