

If the index is not -1 and the type is "insert/update", then the user has requested an update of information. The same array as shown with an insert is created, with one exception. The index of the array (array(\$this->index =>)) is set to the index of the record to be updated. The array and "update" are then passed to the processRecords method of the dog_data object.

After the record has been inserted, updated, or deleted, the dog_data object (\$dog_data) is set to NULL. As stated in previous chapters, the dog_data object first updates the associate array, which contains each dog's information. When the destructor of the dog_data object is called, the information is then updated to the dog_data XML file. Setting \$dog_data to NULL releases the dog_data object, which calls its destructor.

That completes all the changes to the business rules tier. Let's put it all together.

Example 8-4. The dog.php file with update, insert, and delete

```
<?php
class Dog
{
// ----- Properties -----
private $dog_weight = 0;
private $dog_breed = "no breed";
private $dog_color = "no color";
private $dog_name = "no name";
private $error_message = "??";
private $breedxml = "";
private $insert = FALSE;
private $index = -1;
// ----- Constructor -----
function __construct($properties_array)
{
if (method_exists('dog_container', 'create_object')) {
if (is_array($properties_array)) {
$this->breedxml = $properties_array[4];
$name_error = $this->set_dog_name($properties_array[0]) == TRUE ? 'TRUE,' : 'FALSE,';
$color_error = $this->set_dog_color($properties_array[2]) == TRUE ? 'TRUE,' : 'FALSE,';
$weight_error = $this->set_dog_weight($properties_array[3]) == TRUE ? 'TRUE,' : 'FALSE,';
$breed_error = $this->set_dog_breed($properties_array[1]) == TRUE ? 'TRUE,' : 'FALSE,';
$this->error_message = $name_error . $breed_error . $color_error . $weight_error;
if (strstr($this->error_message, 'FALSE'))
{
throw new setException($this->error_message);
}
if((is_bool($properties_array[5])) && ($properties_array[6] > -1))
{ // confirms true or false and valid index or takes default
    $this->insert = $properties_array[5];
    $this->index = $properties_array[6];
}
$this->change_dog_data("Insert/Update");
}
if(is_numeric($properties_array))
{ // confirms valid index don't delete if not valid
    $this->index = $properties_array;
    $this->change_dog_data("Delete");
}
}
}
```