

For example, in the `updateRecords` method, you can create any required SQL UPDATE commands.

```
private function updateRecords($records_array)
{
    $chge_log_file = date('mdYhis') . $this->change_log_file;
    $chge_string = "";
    foreach ($records_array as $records=>$records_value)
    {
        $this->dogs_array["dog"][$records] = $records_array[$records];
        $chge_string .= "UPDATE Dogs ";
        $chge_string .= "SET dog_name=" . $records_array[$records]['dog_name'] . ", ";
        $chge_string .= "dog_weight=" . $records_array[$records]['dog_weight'] . ", ";
        $chge_string .= "dog_color=" . $records_array[$records]['dog_color'] . ", ";
        $chge_string .= "dog_breed=" . $records_array[$records]['dog_breed'] . " ";
        $chge_string .= "WHERE dog_id=" . $records_array[$records]['dog_id'] . " ";
    }
    $chge_log_file = date('mdYhis') . $this->change_log_file;
    error_log($chge_string,3,$chge_log_file); // might exceed 120 chars
}

```

These changes would build all the update requirements from the associate array. Similar changes could also be done to the insert and delete methods.

```
private function deleteRecord($recordNumber)
{
    foreach ($this->dogs_array as $dogs=>&$dogs_value) {
        for($J=$recordNumber; $J < count($dogs_value) -1; $J++) {
            foreach ($dogs_value[$J] as $column => $column_value)
            {
                $dogs_value[$J][$column] = $dogs_value[$J + 1][$column];
            }
        }
    }
    unset ($dogs_value[count($dogs_value) -1]);
}
$dog_id = $this->dogs_array['dog'][$recordNumber]['dog_id'];
$chge_string = "DELETE FROM Dogs WHERE dog_id=" . $dog_id . " ";
$chge_log_file = date('mdYhis') . $this->change_log_file;
error_log($chge_string,3,$chge_log_file); // might exceed 120 chars
}

```

This example delete method deletes one record at a time. Thus, the delete string is built outside of the loop. The update method allows for multiple records to be updated, so the update string is built inside of the loop. The insert method will also require you to build the string inside the loop.

```
private function insertRecords($records_array)
{
    $chge_string = "";
    $dogs_array_size = count($this->dogs_array["dog"]);
    for($I=0;$I< count($records_array);$I++)
    {

```