

```
function display_dog_data($record)
{
if ( file_exists("e8dog_container.php")) {
    require_once("e8dog_container.php"); // use chapter 5 container w exception handling
    } else {
        throw new Exception("Dog container file missing or corrupt");
    }
    $container = new dog_container("dogdata"); // sets the tag name to look for in XML file
    $properties_array = array("dogdata"); // not used but must be passed into create_object
    $dog_data = $container->create_object($properties_array); // creates dog_data object
    $method_array = get_class_methods($dog_data);
    $last_position = count($method_array) - 1;
    $method_name = $method_array[$last_position];
    $record_Array = $record;
    return $dog_data->$method_name("Display",$record_Array);
}
}
?>
```

As you've read, there are no required changes to the `dog_data.php` file because it already contains insert, update, and delete methods.

Do It

1. Download the code for this section from the book's web site. Run the (almost) completed program. Try to "break" the program. Did you accomplish the task? If so, what broke? Attempt to fix any problems you might discover.
2. Download the code for this section from the book's web site. Adjust the code to handle dog information that will include the following additional fields: `dog_ID` (unique for each dog) and `dog_gender`. Adjust the `dog.php` and `dog_data.php` programs to return these fields. You should now be able to test the complete application. Note: If you did not previously complete the Do Its earlier in this chapter, complete these assignments along with this one.

Final Touches

You will finish the coding of the ABC Canine Shelter Reservation System in this section (finally!). You will use some CSS code from Chapter 2 to help make the application look more professional. In addition, you will add a menu that will allow the users to read the errors logs and sign out of the application (close the session).

The CSS code from Chapter 2 uses the HTML tag (`<div id='wrapper'>`) to control the contents of the body section. This tag is therefore added directly after the body tag (and closed right before the closing body tag).

```
<body onload="checkJS();">
<div id="wrapper">
<div id="header"><h1> ABC Canine Shelter Reservation System</h1>
```