PHP Coding Standards

Code Source

Do not use any libraries or code from external sources without prior approval.

1) Similar code may already exist

2) Legibility and reusability can be issue

3) Performance concerns

Conventions h2.

Case

We used underline in variable names, functions,

methods, and variables

. Ex: control_login_user(); , $sql_check;

Variables

Case should never be used to differentiate between variable names. Every

variable name in the current scope should be absolutely unique. Variable

names should describe the content that they (will) contain, using either

complete words or understandable abbreviations.

Ex: username, password

Functions

No underscores except in the event handlers. Try to avoid abbreviations. Many

programmers have a nasty habit of overly abbreviating everything. This should

be discouraged. PHP functions are equivalent to a spoken language's verbs.

Function names, therefore, should be action oriented. They should also be

defined in the present tense.

- Use "Underline style" to name classes

Function Calls

Function names and parameters must be significant and legible.
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Ex: function control_barcode();

Function Declarations

Function declarations follow the "one true brace"

convention: function control_barcode(){

        if (isset($_POST['barcode'])) {

                if (isset($error))

        echo '<div id="error" >'. $error . '</div>';

                else {

        echo '<div id ="rules" style="margin-

left:31%;margin-top: 3%;"> Book return successfully!

</div>';

                }

        }

}

HTML

HTML Code should not be found anywhere in our code, other than the smarty

templates. Mark places where you find it with a TODO, as well as any plain text

outputted to screen. We will convert these to a multiple language format in next

version.

Control Structures

- Place a single space between the control keyword (if, for, while, switch, etc.) and

opening parenthesis to distinguish control statements from function calls

- Include break; after all switch case statements

- Always use elseif (one word) in lieu of else if (two words)

PHP Comments

Use C-style (/* */) comments for multi-line statements and C++ comments (//) for
single line statements

Ex: /*control the user or librarian login if they do not login go to the index page*/