

MVC Frameworks for PHP

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Ruby on Rails, Schmuby on Schmails

Agenda

- What is MVC?
- What is an MVC framework?
- MVC frameworks in the real world
- MVC frameworks for PHP

What is MVC?

- Separates
 - data (the Model)
 - user interface (the View)
 - logic (the Controller)

How not to do it

```
elseif ( $view == "edit" )
{
    $row = mysql_fetch_assoc(mysql_query("SELECT donorinfo FROM donorinfo WHERE donorid = '$di'"));
    $di = $row['donorinfo'];

    $donorinfoselect .= "<select name='donorinfo'>";
    if ($di == 'Non-donor')
        $donorinfoselect .= "<div>Non-donor</div>";
    else
        $donorinfoselect .= "<div>Donor</div>";
    if ($di == 'Donor')
        $donorinfoselect .= "<div>Donor</div>";
    else
        $donorinfoselect .= "<div>Donor</div>";
    if ($di == 'Previous Donor')
        $donorinfoselect .= "<div>Previous Donor</div>";
    else
        $donorinfoselect .= "<div>Previous Donor</div>";
    $donorinfoselect .= "</select>";

    echo "<table><tr><td width='75'><a href=' ' >[Main]</a></td><td width='25'><a href=' ' >[Edit]</a></td></tr></table>";
}
```

Model

- “domain-specific representation” of data
- Also called “domain layer”
- MySQL / PostgreSQL
- Example: Propel (propel.phpdb.org)

View

- HTML/CSS
- Sometimes several views
- Example: Smarty (smarty.php.net)

Controller

- Responds to user events
- Changes the Model
 - The view changes itself
- Example: `switch()` statement

MVC Frameworks

- Faster web development
- Fewer tedious tasks
- More fun?

Real MVC Frameworks

- Ruby on Rails
- Java Struts
- Cocoa
- Django

MVC on PHP

- PHP on Trax
- CakePHP
- Fusebox
- Symfony
- Biscuit
- Zend?
- ...

Resources

- en.wikipedia.org/wiki/Model-view-controller
- c2.com/cgi/wiki?ModelViewController
- del.icio.us/rkm28/php+framework

Thanks

www.richardkmiller.com