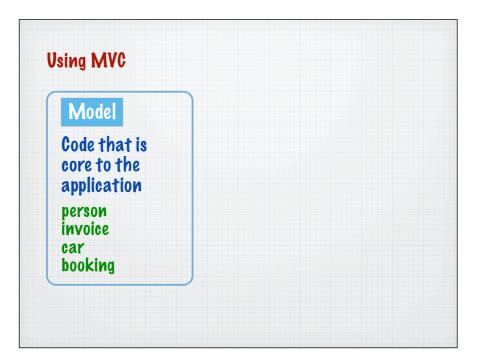
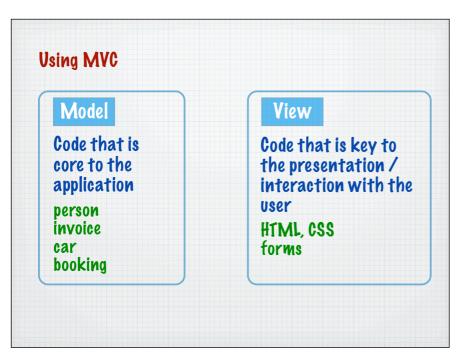


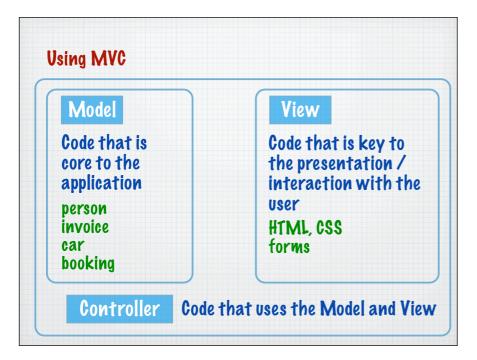


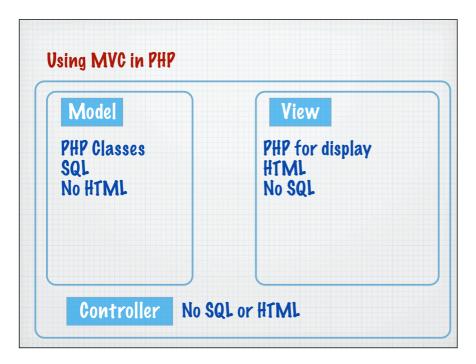
Patterns		Behavioral Patterns
		Chain of responsibility
		Command
	Structural Patterns	Interpreter
	Adapter	Iterator
Creational	Bridge	Mediator
patterns	Composite	Memento
Abstract Factory	Decorator	Observer
Builder	Façade	State
Factory Method	Flyweight	Strategy
Prototype	Proxy	Template method
Singleton	Proxy Clone pattern	Visitor

MVC - design pattern A way of structuring an application into different component parts First described by Trygve Reenskau working at Xerox research labs (1979) Influential paper: Applications Programming in Smalltalk-80 - How to use Model-View-Controller



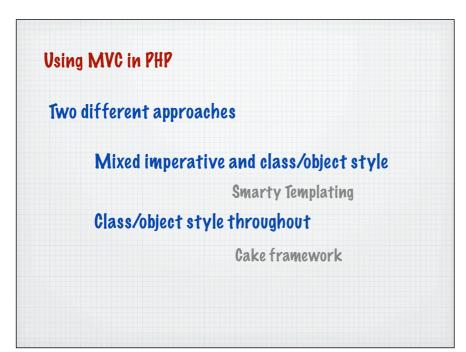


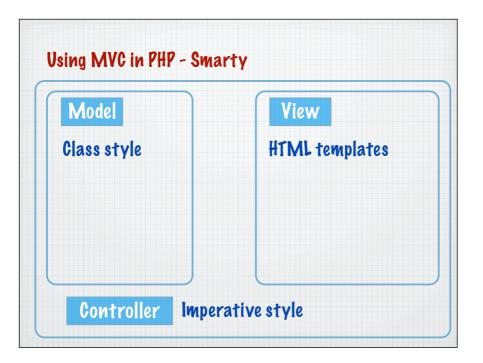


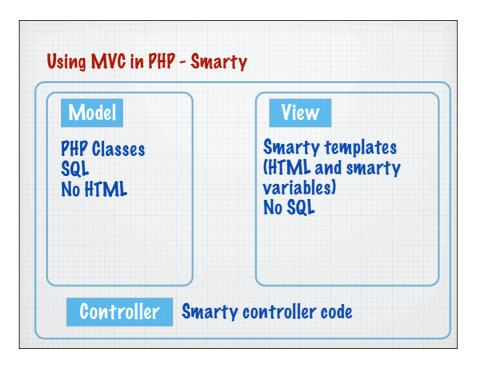


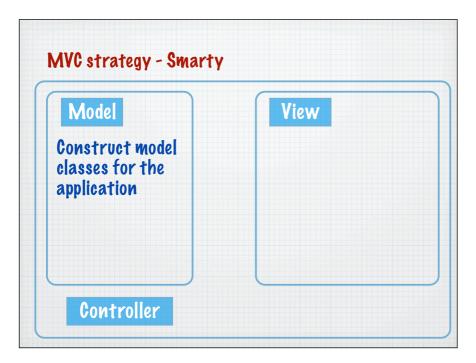


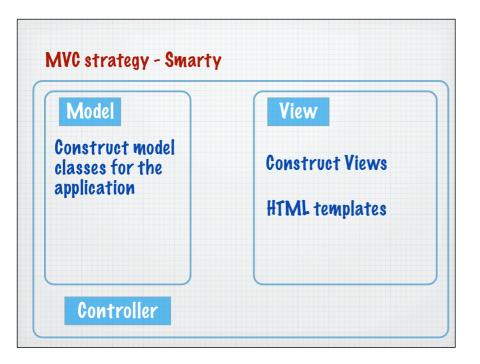
PHP Framework	PHP4	PHP5	MVC	Multiple DB's	ORM	DB Objects	Templates	Caching	Validation	Ajax	Auth Module	Modules	EDF
Akelos 🐺 👹	√	~	1	1	1	√	1	√	√	1	√	√	-
ash.MVC 😽	-	~	1	-	-	~	~	-	1	-	1	1	-
CakePHP 😽 👹	1	1	1	1	1	1	-	~	1	1	1	1	-
Codelgniter 👳 继	√	\checkmark	~	√	-	√	√	×	√	-	-	-	-
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Z Components 😽	-	~	-	1	-	1	~	1	1	-	-	-	-
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PHPDevShell 😽	-	1	-	-	-	-	1	-	-	1	1	1	-
PhpOpenbiz	1.1	1	1	√	1	√	√	-	√	1	√	-	-
Prado 😽 😻	-	\checkmark	1	√	1	√	√	√	√	\checkmark	√	√	1
QPHP 😽	1	1	1	1	-	1	~	-	1	1	1	1	1
Seagull 😽	1	1	1	√	1	√	~	~	1	1	√	1	-
Symfony Project 😻	-	1	1	√	1	√	-	√	1	~	√	√	-
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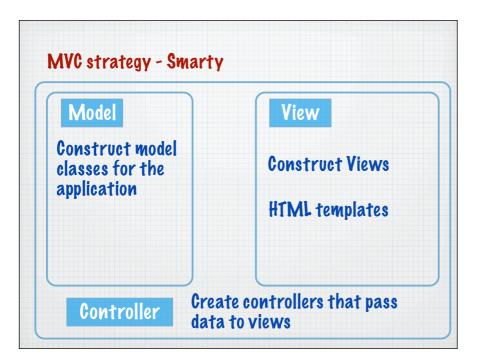


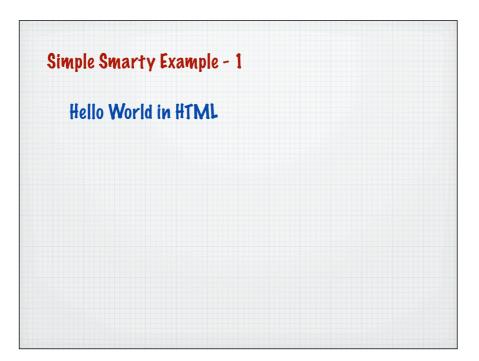


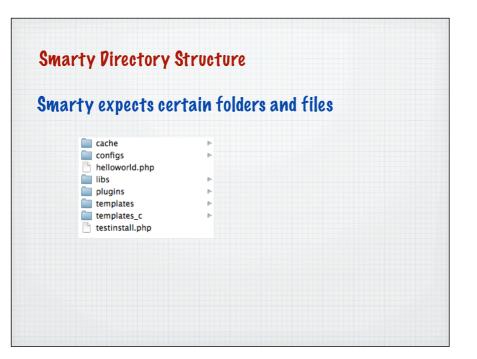


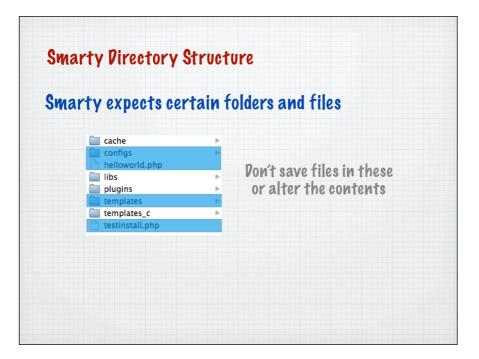


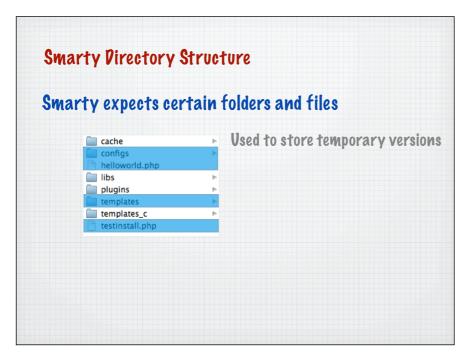


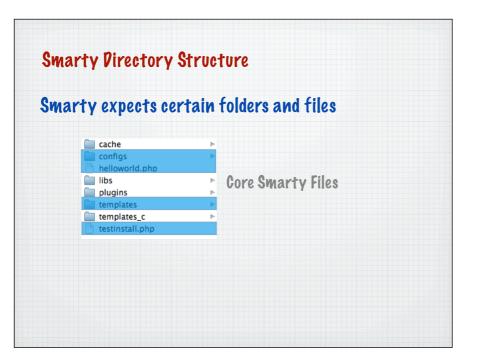


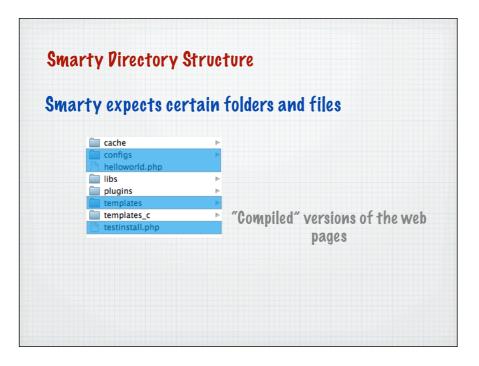


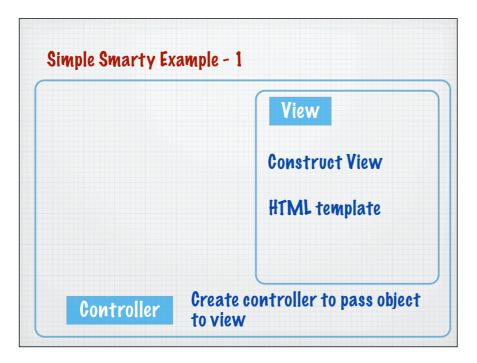




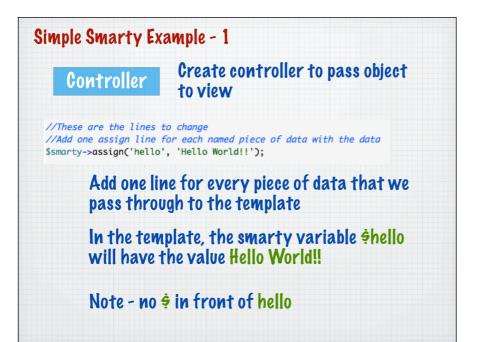


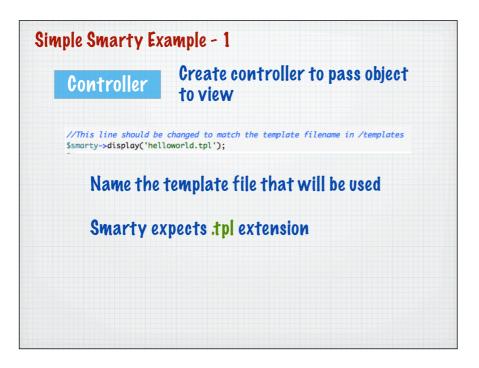


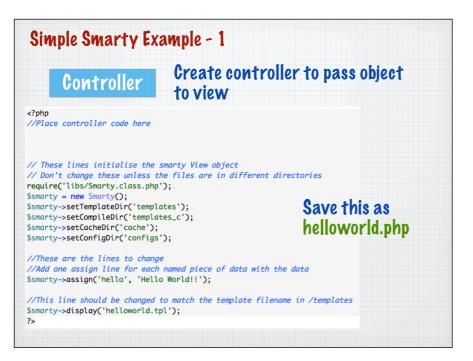


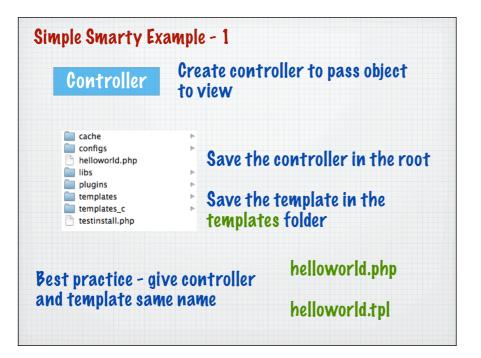


Controller	Create controller to pass object to view
php<br //Place controller	code here
<pre>// Don't change the require('libs/Smart \$smarty = new Smart \$smarty->setTemplat</pre>	<pre>y(); meDir('templates'); min('templates_c'); r('cache');</pre>
// Don't change the require('libs/Smarty Ssmarty->setTemplot Ssmarty->setCompile Ssmarty->setConfigD //These are the lin	<pre>ese unless the files are in different directories cy.class.php'); cy(); euDir('templates'); eDir('templates_c'); r('cache'); bir('configs');</pre>





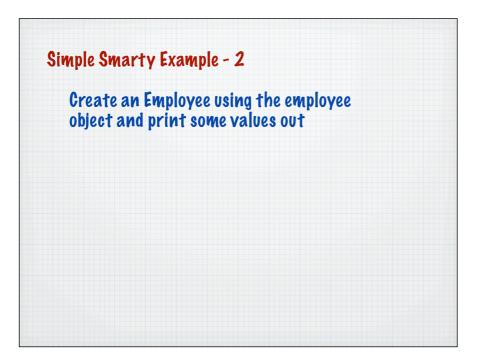


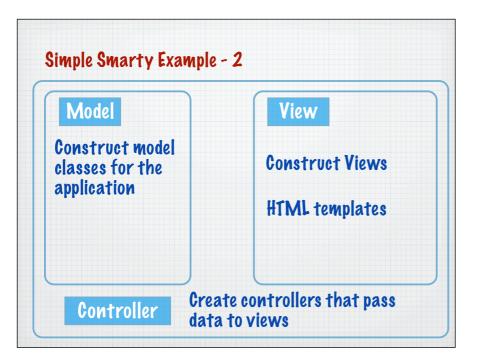


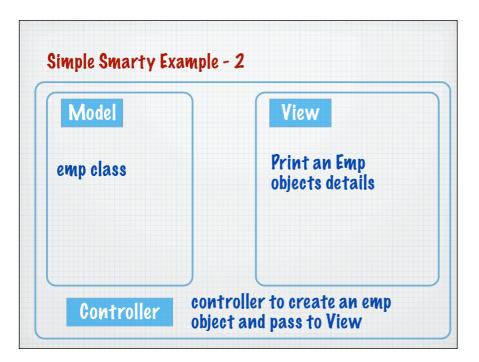
View	Const	ruct View	HTML template
			helloworld.tpl
<html> <head> <title>Smarty<
</head>
<body></td><td>:/title></td><td></td><td>ML file with all the
its of data removed</td></tr><tr><td></body>
</html></td><td></td><td>Smarty in
from the c</td><td>serts the data for us
controller</td></tr></tbody></table></title></head></html>			

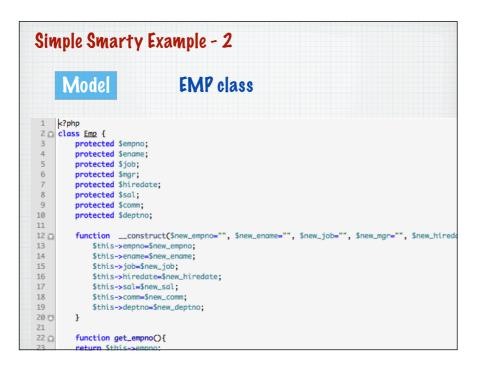
View	Construct View	HTML template
		helloworld.tpl
<html> <head> <title>Smarty-
</head>
<body></td><td>이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이</td><td>ntax to insert a
Nue</td></tr><tr><td><pre>{\$hello}</p
</body>
</html></pre></td><td>» { \$smarty</td><td>name }</td></tr><tr><td>Ça</td><td>ve this template in t</td><td>ha</td></tr></tbody></table></title></head></html>		

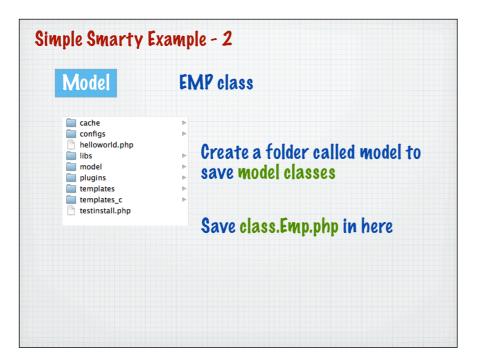
Simple Smarty Example - 1	
Bring up helloworld.php in browser	
Hello World!!	



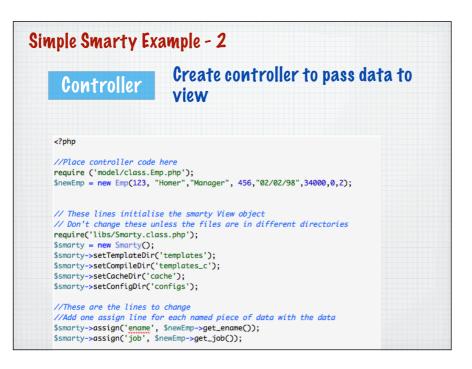




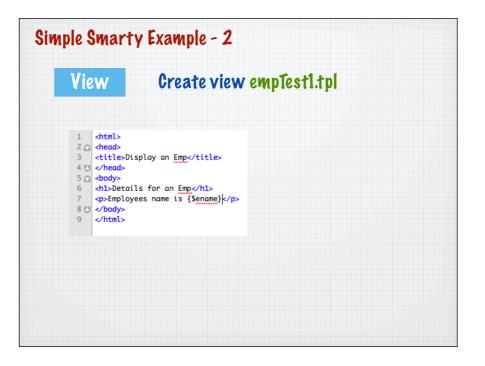


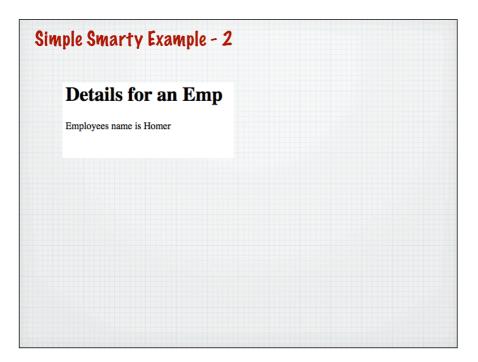


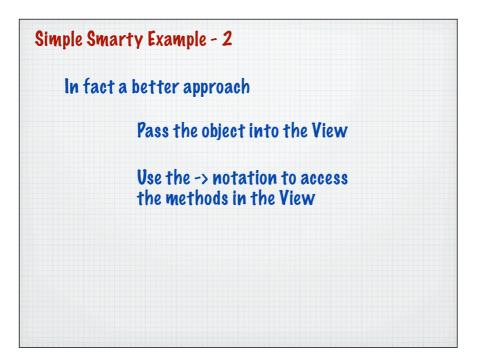


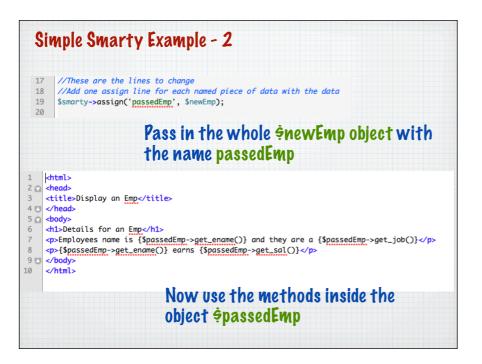


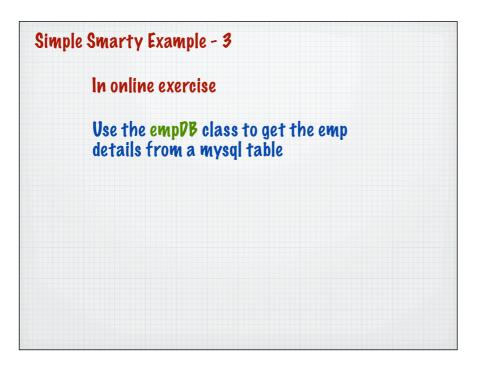
S	imple Smarty Ex	ample - 2
	Controller	Create controller to pass data to view
1	php</td <td></td>	
2		
3 4	<pre>//Place controller code h require ('model/class.Emp</pre>	
4 5		.pnp'); Iomer","Manager", 456,"02/02/98",34000,0,2);
6	snewemp = new emp(125, H	uner, Munuger, 450, 02/02/98, 54000,0,2),
7		
8	// These lines initialise	e the smarty View object
9		less the files are in different directories
10	require('libs/Smarty.clas	
11	<pre>\$smarty = new Smarty();</pre>	
12	<pre>\$smarty->setTemplateDir('</pre>	templates');
13	<pre>\$smarty->setCompileDir('t</pre>	
14	<pre>\$smarty->setCacheDir('cac</pre>	
15	<pre>\$smarty->setConfigDir('co</pre>	nfigs');
16		
17	//These are the lines to	
18		each named piece of data with the data
19 20	<pre>\$smarty->assign('ename',</pre>	<pre>snewtmp->get_ename());</pre>
20	//This line should be cho	unged to match the template filename in /templates
22	<pre>\$smarty->display('empTest</pre>	
23	?>	Save as empTest1.php
24		











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