



PHP 5 Advanced Training

Courses

Ajax, Jquery, Codeigniter, Design Patterns

Magento Certifications

Image Magic, Jquery Datatables,

Web Services

Rest, SOAP, JSON



Corporate Trainer's Profile

Corporate Trainers are having the experience of 4 to 12 years in development , working with TOP CMM level 5 companies (Project leader / projects Manager) qualified from NIT/IIT/IIM and work exp in USA and UK.



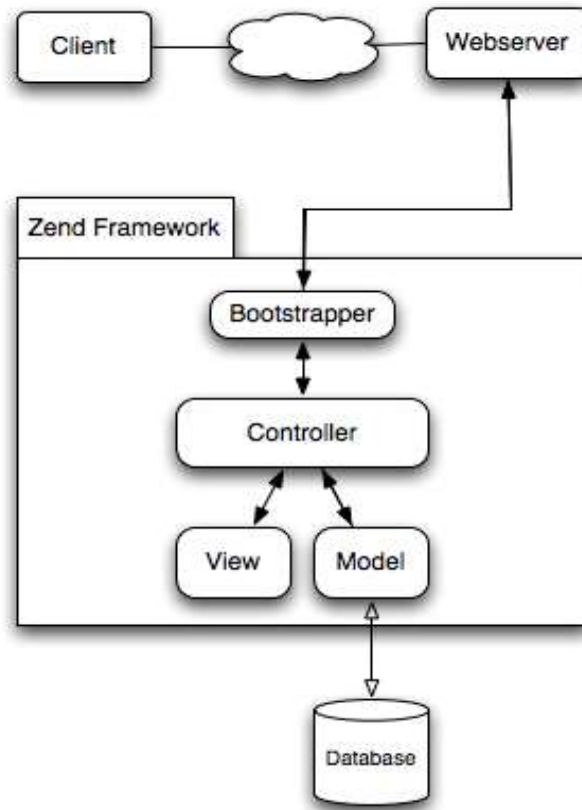
Capability Maturity Model level Project Standard***:-

The Capability Maturity model (CCM) is a method for evaluating the maturity of Organizations on a scale of 1 to 5.

Get the oppertunites to work on client Projects of US/UK, which follow the all standard of CMM level 5 Company.



Zend Framework 2.0



MVC

- Components
- Pattern Basics
- Bootstrap
- Zend_Controller
- Zend_Layout

Infrastructure

- Zend_Config
- Zend_Session
- Zend_Registry
- Zend_Loader



Internationalization

- Zend_Date
- Zend_Translate
- Zend_Locale
- Zend_Currency
- Zend_View_Helper_Translate
- Internationalization Performance

Authentication and Access

- Zend_Acl
- Zend_Auth
- Zend_Auth Adapters

Performance

- Zend_Cache
- Script inclusion
- Optimization
- Zend_Memory

Forms

- Zend_Form
- Validation/Filtering
- Decorators
- Elements
- Forms
- Display Groups & Sub Forms
- Configuration
- Internationalization

Security

- Cross Site Request Forgery
- Secure Authentication
- Escaping for output
- Cross Site Scripting
- Security Best Practices

Diagnosis and Maintainability

- Zend_Debug
- Zend_Log



Filtering and Validation

- Filtering Chains
- Custom Filters
- Standard Validation Classes
- Validator Chains
- Custom Validators

Search

- Zend_Search_Lucene
- Indexing
- Querying
- Performance

Database

- Zend_Db
- Zend_Db_Statement
- Zend_Db_Table
- Zend_Db_Profiler
- Zend_Db_Select
- Table Data Gateway Pattern
- Row Data Gateway Pattern

Mail

- Constructing
- Storage
- Message retrieval
- Storage providers
- Message sending

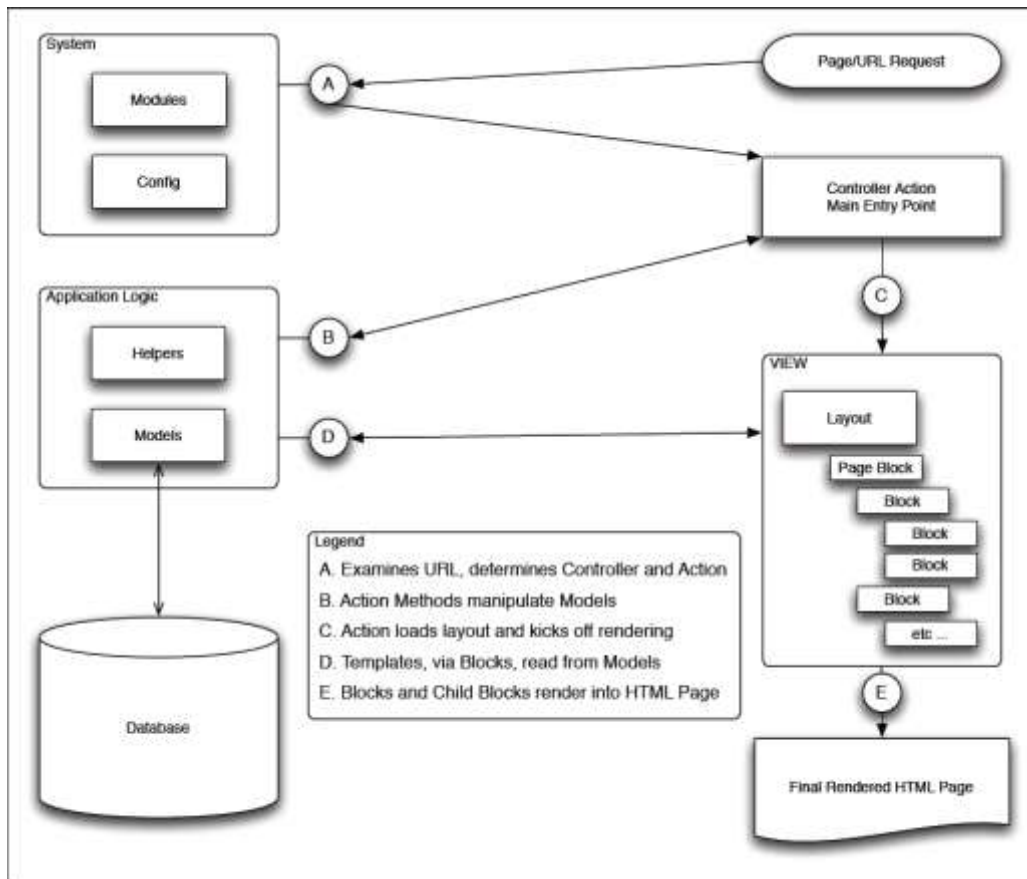
Coding Standards

- Coding conventions
- Zend_Loader

Web Services

- XML-RPC Client
- XML-RPC Server
- REST Client
- REST Server
- Zend_Service Web Services





1- Basics

- High-level Magento architecture
- Magento configuration
- Internationalization

2- Request Flow

- Application initialization
- Front Controller
- URL rewrites
- Request routing
- Module initialization
- Design and layout initialization
- Flushing data (output)

Rendering

- Themes in Magento
- Blocks
- Design layout, XML schema, and CMS content directives

4- Working with Database in Magento

- Models, resource models, and collections
- Install/upgrade scripts

5- Entity-Attribute-Value (EAV) Model

- EAV model concepts
- Attributes management

6- Adminhtml

- Common structure/architecture
- Forms in Magento
- Grids in Magento
- System configuration
- Access Control Lists (ACL) and permissions in Magento
- Working with extensions in Magento

7- Catalog

- Product Types
- Price Generation
- Category Structure
- Catalog Price Rules
- Other Skills

8- Checkout

- Checkout components
- Shopping Cart price rules
- Shipping and payment methods in Magento
- Magneto multi-shipping implementation

9- Sales and Customers

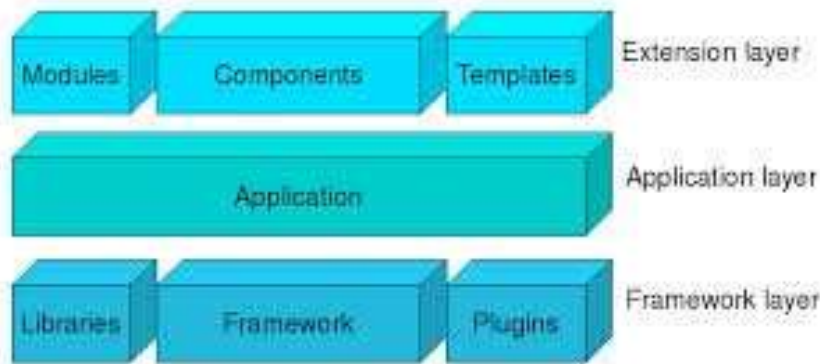
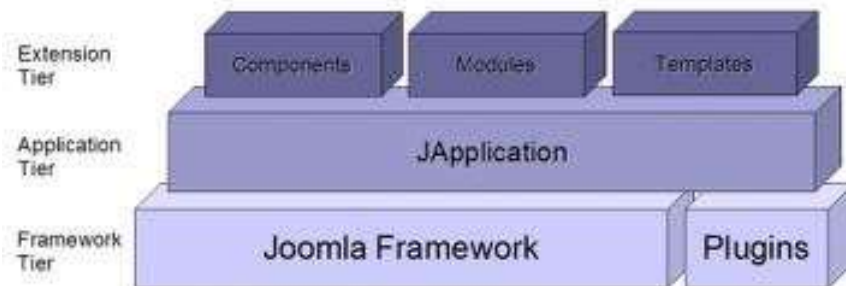
- Sales
- Customer

10- Advanced features

- Widgets
- API



Joomla



CMS (Joomla (2.5))

- Joomla Architecture
- Data flow in Joomla
- How create template?
- What is component, Module and Plugin?
- How create Component, Module and Plugin?
- How customize existing component and module?

INTRODUCTION

- History of PHP
- Php is better than its alternatives.
- Create a basic PHP Script
- How php scripts works.
- Taking user input (HTML forms)



Variables and Expressions in PHP

- Data Types
- Creating Variables
- Variable assignment
- Variable Scope
- User-defined Constants
- HTTP environment variables
- Variable References

PHP Operators

- Arithmetic Operators
- Logical Operators
- Ternary Operators
- Assignment Operators
- Comparison Operators
- Operator Precedence

Conditional Tests and Events in PHP

- The If statement
- Using the else clause with if statement
- else and elseif
- The ? : Operator
- Comparing for equality or identity
- The switch / case statement
- Alternative Syntax for Control Structures

PHP Flow Control

- Loops
- While
- do ... while
- for
- foreach loop
- Nesting loop
- break and continue
- exit

Array

- What is array in php
- Types of Array.



- Index Array
- Associative Array.
- Single dimensional Array
- Multidimensional Array
- Looping through an Index Array.
- Looping through an Associative Array.
- Array Function.

PHP Functions

- What is function in PHP
- Declaring a function.
- Returning value form function.
- User define function.
- Built-in functions
- Functions Arguments
- Default Arguments
- Arguments - Call by Reference
- Return
- Returning References
- Variable Scope (global vs local)

Taking User Input from Forms via PHP

- Creating forms with PHP
- Security Protection from Cross Site Scripting
- Using the form GET method
- Using the form POST method
- REQUEST Method.
- Obtaining data from forms through
- Variables
- Using hidden fields
- Calling pages from themselves using
- Forms
- File Upload in php
- File Download in php
- Email in php

Form Validation

- Server Side validation(Using PHP)
- Client side validation(Using Java Script)

String Manipulation in PHP



- String function with example.
- Formatting output data

Working With Regular Expression

- The basic regular expression
- Matching Patterns
- Finding Matches
- Replace Patterns

Handling Databases with PHP

- Introduction to Database MYSQL
- Connecting to the MYSQL.
- Selecting a database
- Finding out about errors.
- Adding data to the table.
- Insert, Update, delete, data from table.
- Display data from table on page.
- Store procedure in mysql.
- Function in mysql.
- Difference between function and procedure.
- Joining in MYSQL
- Inner join, left join, right join.

Sessions and Cookies in PHP

- What is a session?
- Dependencies on the php.ini file
- Understanding PHP session variables
- Create a PHP session variable
- Register and modify PHP session
- Variables
- Putting PHP session IDs in pages
- Good Practise with sessions and PHP
- Cookie properties
- Setting a cookie in PHP
- Retrieving PHP cookies
- Expiring/Deleting PHP cookies
- Drawbacks to cookies
- Using cookies well
- Cookie Security Issues

File and Directory Access Using PHP



- Opening files, local and remote
- Reading and writing files
- Handling file permissions
- Handling file ownership
- Opening and reading directories

PHP Configuration

- The php.ini file
- .htaccess file.
- register_globals
- PHP 4.1 and above
- PHP4 compatibility in PHP5

Other I/O Issues in PHP

- Getting IP addresses from visitors
- Getting referring URLs from visitors
- Environment variables
- Showing different content to different browsers (IE, Netscape, Firefox, Mozilla,Opera, etc)

Object Orientation in PHP

- Object basics
- Classes in PHP
- PHP4 - constructors
- PHP5 - constructors and destructors
- Inheritance

Handling Email with PHP

- Sending email
- Sending multi part email – MIME

Graphics in PHP

- Graphics basics, referencing a PHP script in an IMG tag
- Basic examples, line/box drawing
- Creation from an existing image
- Image copying and resizing
- Drawing text on images

Payment Gateway

- Overview Of Payment Gateway
- Types of Payment gateway
- Paypal Payment Gateway
- Athorize.net Payment Gateway
- GoogleCheckout Payment Gateway
- Recurring Payment Gateway

JQuery

- Basic function of jQuery
- Validation with jQuery
- AJAX with jQuery

Other Image framework

- Image Magic

jQuery Datatables

- Configuration jQuery Datatable with PHP+MYSQL
- Insert, Update and Delete with jQuery Datatables

WYSIWYG editor

- Configure different WYSIWYG editor

MVC(codeigniter)

- What is MVC?
- What is the architecture codeigniter.
- How develop application with codeigniter
- One Project in codeigniter

Soap (Web Services)

- AJAX (Asynchronous JavaScript and XML)
- Handling XMLHttpRequest Objects with live Application on to the web.
- Core Php projects
- Two Projects on PHP
- One is Shopping Cart

Second is Task management system



Features:-

- ✔ 1. Task-Oriented, Competency-Based Course Design
- ✔ 2. A Truly Hands On Learning Experience – At Least 50% Lab Time
- ✔ 3. Courseware Ownership & Control
- ✔ 4. Instructors With Extensive Experience of the corporate , having the Certifications.
- ✔ 5. On line Training /On site training is available
- ✔ 6. Small Class Size ,proper doubt classes by the assistance
- ✔ 7. A Cost-Effective, Total Solution
- ✔ 8. Training will get the confirmation letter and Industrial Live Project (For pursuing students to submit the letter in college.)
- ✔ 9. FREE Assessment test for job eligibility.
- ✔ 10.Placement tie with the companies.

Technologies
JAVA
.Net
Embedded
Testing
PHP
Mainframe
iPhone
Android
Oracle
Sharepoint
Biztalk
Hadoop
Cloud
Matlab
XML
Web Development
Telecom
C/C++
Robotics
VLSI
Networking
Linux
Windows
Data Warehousing
Plc Scada
CAD/CAM
SMO+SEO
animation
Flex Ria
SOA
SQL Server
Cyber Security
Postgre SQL
Business Analysis
Report
Prince
ITIL
Agile Scrum
PMP
Management And Leadership
Communication
HR Specallist

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