

Zen Cart™ Program Flow (v1.3 series)

♦ = opportunity for overrides

- /index.php calls /includes/application_top:
- /includes/local/configure.php , /includes/configure.php
- ♦/includes/extra_configures/*.php
- trigger the InitSystem:
- loads all config.*.php files from /includes/auto_loaders and ♦auto_loaders/overrides
- each of the auto_loaders components are loaded from /include/init_includes ... (♦/overrides)
 - o Start notifier subsystem and load several base classes including phpmailer
 - o Connect to Database
 - o /includes/ilenames.php (use ♦extra_datafiles to extend vs override)
 - o /includes/database_tables.php (use ♦extra_datafiles to extend vs override)
 - o Load Compatibility Functions
 - o ♦/includes/extra_datafiles/*.php
 - o Set Configuration Keys from database (as set in Admin) & version info
 - o Instantiate sniffer
 - o Start GZIP compression if enabled
 - o Prepare for SEFU's
 - o Check phpBB connectivity capability
 - o Load Functions
 - functions_general, html_output, functions_email, functions_ezpages
 - ♦/includes/functions/extra_functions/*.php
 - o Setup SESSIONs
 - Check for cookie support
 - Check to see if the customer is a spider, and act accordingly
 - SSL validation checks
 - IP validation checks
 - o Instantiate Classes
 - Shopping_cart
 - Navigation History
 - Currencies
 - o Sanitize and validate URL parameters
 - o Set PAGENAME and take action if missing-page-check enabled and required
 - o Language determination
 - o Template determination
 - o ♦/includes/languages/LANGUAGE/extra_definitions
 - o Set navigation history
 - o Calculate currency display
 - o Instantiate MessageStack system
 - o Check for "Down For Maintenance" or "Customer Not Authorized yet" status
 - o Process Cart Contents, File Uploads
 - o Load Functions
 - Who's online (and update who's online information stats and display)
 - Password functions loaded
 - Banners – activate & expire
 - Specials – activate & expire
 - Features – activate and expire
 - Salemaker – activate and expire
 - o Start the breadcrumb class and add current page components to it
 - o Calculate category/product path (cPath)

/includes/modules/pages/ PAGENAME /header_php*.php

- this usually:
 - o ♦ loads /languages/LANGUAGE/TEMPLATE/PAGENAME.php
 - o updates the breadcrumb appropriate for this page
- this sometimes (seldom) calls a specific tpl_xxxx.php file

♦/templates/common/html_header.php

- <HTML><HEAD>
- ♦modules/meta_tags
- ♦templates/TEMPLATE/jscript/jscript_*.js and jscript_*.php
- ♦modules/pages/PAGE/jscript_*.js and jscript_*.php
- ♦templates/TEMPLATE/CSS/style*.css (many other *.css options supported too)
- </HEAD>

/templates/common/main_template_vars.php

- this prepares the content for the “center” section of the page (doesn’t display yet)
- Output content is prepared from either or both of:
 - o Modules/pages/PAGENAME/main_template_vars.php (and files it calls)
 - o ♦Templates/tpl_PAGENAME_default.php
(this is usually also called by main_template_vars.php from the line above)
- Output content is simply stored in a variable until output, below

♦/templates/TEMPLATE/jscript/on_load/*.js

- this is to load any customized code for the “onload” parameter of the <body> tag, next:

♦/templates/common/tpl_main_page

- <BODY>
- ♦/templates/common/tpl_header.php
 - o Output Banner Area 1
 - o Output Header rows (logo, nav bar, etc)
 - o Output Banner Area 2
- Output Banner Area 3
- Output Left sideboxes (♦/modules/column_left)
- Output “body content” from “main_template_vars” or “tpl_PAGENAME_default” above
- Output Right sideboxes (♦/modules/column_right)
- Output Banner Area 4
- ♦/modules/footer.php to finalize counters and page-display speed calculators
- ♦/templates/common/tpl_footer.php
 - o Footer Navigation bar
 - o Output Banner Area 5
 - o Display footer text (♦from language file)
 - o Output Banner Area 6
 - o Display IP Address
 - o Display Parse Times

/includes/application_bottom

- close SESSION
- end GZIP compression, causing actual output to the browser to be completed.