

Bonanza

It's all about the plug-ins..

Bonanza is a CMS (Content Management System) written in PHP5, whose top features are:

- Customizability
- Extensibility
- Localizations to the bone
- User-friendliness
- Well documented for end-users and developers
- Security (Full protection against SQL attacks, JavaScript attacks, SPAM attacks, either vulgar, aggressive or retarded visitors)
- Formulate
- Minimal loading time
- Fast caching framework
- Advanced templates system

Core System

The system is a framework managing:

- Localizations
- Page Parsing
- Extensions

The core extensions add these functionalities:

- Debug and Error Handling
- Templates

Directory Structure

- Extensions
 - Paginator
 - Search
- Layouts
- Plugins
- System
 - Extensions
 - sys_acp
 - sys_blocker
 - sys_cacher
 - sys_core
 - sys_database
 - sys_debugger
 - sys_formulate
 - sys_layouter
 - sys_linker
 - sys_permissions
 - sys_settings
 - sys_templater
 - sys_textarea
 - sys_url_rewrite

- sys_user
- Plugins
 - AdminPanels
 - AdminPanelsCategories
 - DatabaseConnectors
 - TextareaComponents
 - BBCode
 - Smilies
 - Attachments
 - UserFields

Configuration

These settings are implemented at system level and cannot be changed without editing code. Most of them can be set upon installation of the core system.

- Database connection string (e.g. 'mysql://root:pw@localhost/bonanza')
- Extension auto-load (e.g. Array [sys_debugger, sys_cacher, sys_database])
- Extension Driver (e.g. sys_linker)
- Dir - Working Storage (e.g. 'WorkingStorage')

Extensions

What are extensions for, what can they do?

- Register pages (to the linker)
- Register *pluginables* (to the system)
- Offer plug-ins (to the system)
- Offer functions / libraries (for other extensions)
- Parse (dynamic) output (for the system)

Note: *register* indicates that it only must be done once, meaning during the installation of the extension. The others are on-the-fly.

System Extensions

sys_acp

Requires	sys_core
Pluginables	AdminPanels, AdminPanelsCategories
Plug-ins	PermissionFields, LinkerPages
Description	Administration panel, allowing easy management of quite everything
Parse Pages	Admin CP

sys_blocker

Requires	sys_layout
Pluginables	Blocks
Plugins	AdminPages
Description	Manage blocks for insertion in the layout.

sys_cacher

Requires	sys_debugger
Pluginables	CacheImplementations

Description	A framework allowing caching of any data
sys_core	
Requires	sys_debugger, sys_cacher, sys_database, sys_settings, sys_user, sys_permissions
Description	An empty extension allowing easy loading of the core extensions.
sys_database	
Requires	sys_debugger, sys_cacher
Pluginables	DatabaseConnectors
Plug-ins	CacheImplementations (for caching database queries)
Description	Manages your database connection.
sys_debugger	
Requires	<i>nothing</i>
Description	Handles debug information, catches errors and handles them in a clean way.
sys_formulate	
Requires	<i>nothing</i>
Libraries	class Formulate() – create a form to work with
Description	Allow abstract forms, allowing easy validation, inserting, updating and deleting of database records.
sys_layouter	
Requires	sys_core
Plug-ins	AdminPanels (layout management and editing)
Description	Layout manager
sys_linker	
Requires	sys_core
Pluginables	LinkerPages
Plug-ins	AdminPanels, PermissionFields
Description	Link manager, makes sure the correct page is loaded.
sys_permissions	
Requires	sys_debugger, sys_cacher, sys_database, sys_settings, sys_user
Pluginables	PermissionFields
Plug-ins	AdminPanels
Description	Set permissions per group/user
sys_settings	
Requires	sys_debugger, sys_cacher, sys_database
Pluginables	SettingCategories, SettingFields
Plug-ins	AdminPanels
Description	Management of various settings from various extensions
sys_templater	
Requires	sys_cacher

Pluginables	Templates
Plug-ins	CacheImplementations
Description	Templates engine, all html and content go through here

sys_textarea

Requires	<i>nothing</i>
Pluginables	TextereaComponents
Plug-ins	AdminPanels (enable/disable and re-order components)
Libraries	class Textarea() – An object to parse a textarea
Description	Library to parse a textarea with all the additional features you wish

sys_url_rewrite

Requires	sys_core
Pluginables	UrlRewrites
Plug-ins	AdminPanels
Description	Allows URL rewriting using the apache mod with the same name

sys_user

Requires	sys_debugger, sys_cacher, sys_database, sys_settings
Pluginables	UserFields
Plug-ins	SearchFields
Parse Pages	Member List

Additional Default Extensions

Search

Requires	sys_core
Pluginables	SearchFields
Plug-ins	SettingFields, Blocks, LinkerPages
Description	Search for anything!!

Paginator

Requires	sys_core
Plug-ins	AdminPanels, LinkerPages
Description	Management of static content

Extension Rules