

Bonanza

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 (static pages manager)
- Layouts
- Library
- System
 - Extensions
 - sys_acp
 - sys_blocker
 - sys_cacher
 - sys_core
 - sys_database (requires debugger, cacher)
 - sys_debugger (requires nothing)
 - sys_formulate
 - sys_layouter
 - sys_linker (requires database, debugger)
 - sys_permissions
 - sys_settings (requires database)
 - sys_templater
 - sys_textarea
 - sys_url_rewrite
 - sys_user
 - Library
 - sys_acp_panes

- sys_database_connectors
- sys_textarea_elements
 - BBCode
 - Smilies
 - Attachments
- sys_user_profile_fields

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 adminPanes, adminPanesCategories
 Description Administration panel, allowing easy management of quite everything
 Parse page Yes

sys_blocker

Requires sys_layout
 Pluginables Block
 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

Description
extensions. An empty extension allowing easy loading of the core

sys_database

Requires sys_cacher, sys_debugger
Pluginables databaseConnectors
Plug-ins cahceImplementations (for caching database queries)
Description Manages your database connection.

sys_debugger

Requires *nothing*
Description Handles debug information, catches errors and handles them in a clean way.

sys_formulate

Requires *nothing*
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, sys_permissions, sys_blocker
Plug-ins adminPanes (layout management and editing)
Description Layout manager

sys_linker

Requires sys_core, sys_permissions
Plug-ins AdminPanes
Description Link manager, makes sure the correct page is loaded.

sys_permissions

Requires sys_core
Description Set

sys_settings

Requires sys_database

sys_templater

sys_textarea

Requires
Pluginables TextereaComponents

sys_url_rewrite

Requires
Pluginables UrlRewrites
Plug-ins AdminPanes

sys_user

Extension Rules