

web-cp RoadMap

author: Peter Drake (pdrake -at- web-cp -dot- net)

publication date: 12-30-04

1. **0.5.x** – This release branch is written in structured-programming style and is intended to be a usable basic web hosting control panel. Because this branch is over 2 years old it is no longer competitive with many commercial control panels.
2. **0.5.2** – This was the final release of web://cp as a project sponsored by can-host networks and written by Felix C. This release was a relatively stable control panel however it had several bugs.
 1. Interface bugs needed to be removed manually.
 2. User-creation bug when used with RedHat distro.
3. **0.5.3** – This was both a bug-fix and feature release, adding some new functionality which is basic to any current web hosting control panel.
 1. Additional Functionality
 1. MyDNS support
 2. backups (remote and local)
 3. network utilities to allow users to backup their data and to troubleshoot network problems.
 2. Last 0.5.x feature-enhancement release
 3. Stable and usable as released
 4. Over 2000 downloads within the 1st month.
4. **0.5.4** – This was a maintenance release with only bug fixes for major functionality bugs and security issues. In particular, DNS related bugs and security issues regarding demo users were fixed.
5. **0.6.x** – This release is written in structured programming style with some portions of code converted to object-oriented programming style as an opportunity to test before conversion of the entire codebase. The is also focused on major feature enhancements.
 1. Technical support functionality
 1. Knowledgebase
 2. Ticketing
 3. FAQ
 2. Enhance Security
 1. Ensure demo users are adequately locked down.
 2. Allow for enforcement of strong passwords
 3. Add encryption, error checking and logging where necessary
 3. Add Virtual Users
 1. Convert all users to virtual users.
 2. Allow for use of duplicate “usernames” across domains.
 3. Allow for use of any daemons which support virtual users through MySQL such as ProFtpd and Postfix.
 4. Additional functionality enhancements
 1. net2ftp-based file manager
 2. spam filter integration
 1. spamassassin
 2. DSPAM

- 3. ???
- 3. Integrated Statistics
 - 1. webalizer
 - 2. awstats
 - 3. ???
- 4. PostgreSQL Database Control
- 5. Redesigned and improved setup script
 - 1. Automation
 - 2. discover OS and version
 - 3. locate utilities and programs
 - 4. check for necessary include statements
 - 5. Feedback
 - 1. descriptive error messages
 - 2. “todo” list of recommended improvements
- 6. New Server-Monitoring Code
 - 1. Configurable monitoring (service selection)
 - 2. Automatic service restarting
 - 3. Service outage notifications
- 7. Modularity
 - 1. Skins converted to modules
 - 2. Languages converted to modules
 - 3. Module repository accessible through server control panel
- 8. Interface Enhancements
 - 1. Unified HTML code style (XHTML 1.1 compliant)
 - 2. Template for all CSS classes
 - 3. Support for sub-menus
- 6. 0.7.x** – This is a major codebase change release in that most code (panels, service-support libraries) will be converted from structured programming to object-oriented programming and will become installable modules. Some feature enhancements will also be included in this release.
 - 1. Object-orientation
 - 1. User Object
 - 2. Domain Object
 - 3. Reseller Object
 - 4. Server Object
 - 2. Modularity
 - 1. Service support modules
 - 2. Control Panel functionality modules
 - 3. Server-based repository for module maintenance/delivery
 - 3. Functional Enhancements
 - 1. Billing Module
 - 2. Full customizable directory structures
 - 3. Database Abstraction
 - 1. ADOdb (or alternative)
 - 2. Rewrite SQL queries to be multi-db compatible or create “language translations” for MySQL and PostgreSQL compatibility
 - 4. Security
 - 1. support regiser_globals off

7. **0.8.x** – This release will be focused on usability for major web hosts. A major part of this release will be supporting clustering, additional operating systems and additional hardware.
 1. Clustering
 1. Support for assigning services on a per-reseller or per-domain basis to specific servers.
 2. Support for adding “mirror” clusters or cluster groups for High Availability).
 2. OS Support
 1. OpenBSD
 2. FreeBSD
 3. Solaris
 4. Windows ???
 3. Hardware
 1. x86-64 Optimization
 2. UltraSPARC Support
 3. PowerPC
 4. ???
8. **0.9.x** - This release will focus on end-user functionality and ease of administration.
 1. Auto-install scripts.
 2. Additional daemon support integration
 3. web-cp user guide creation
 4. Usage triggers
 5. Automatic Update
 6. Plug-in modules
 1. Core Code
 2. Skins
 3. Languages
 7. Additional language translations
 8. Separation of operation and display into layers
 9. User instructions, tutorials and help files
9. **1.0** – Final polishing of release 0.9.x including interface improvements, a new look, bug fixes and security improvements. This will be a feature-complete next-generation control panel capable of running organizations from 1 virtual server to an entire datacenter of powerful multi-processor machines.