

cPAddons: the new orange

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We'll have Q&A after certain sections but feel free to ask at the end of any slide

Basic Overview

- What it does
- What the rewrite aimed to accomplish
- Benefits:
 - User: completely manage all in one place, no nerdlyness required, no shell required
 - Dev: distribute your masterprice to all cPanel users
 - Data Center: provision multiple servers easily



cPanel

Training Seminar 2006

Where its at

- Documentation:

<http://www.cpanel.net/docs/cpaddons/>

- `/usr/local/cpanel/cpaddons`
- `~/.cpaddons/`
- `/var/cpanel/cpaddons_moderated`



Create cPaddon of Foo 1.0 (p. 4)

- Downloaded Foo-1.0.tar.gz into working dir
- Untarred it into Foo-1.0.orig/ and Foo-1.0.work/
- Made Foo.pm as per docs (p. 5)
- Created empty directory Foo/

Create cPaddon of Foo 1.0 (p. 4)

- cd into Foo-1.0.work/ which has:
 - LICENSE, README, sql/, html/
- Prepare files:
 - cp sql/mysql.sql ../Foo/1.0.mysql & edit it (p. 13, 14)
 - cp LICENSE ../Foo/lisc
- Go into html/ which has the guts of the script

Create cPaddon of Foo 1.0 (p. 4)

- html/ has: index.html, foo.pl, install.pl, foo/
 - Add “variables” to foo.pl (p 13, 14) and add to config file list in Foo.pm (p. 7 “config_files” key)
 - rm install.pl (why?, what about config file it makes?)
 - tar czf ../../Foo/1.0.tar.gz .

Upgrade cPAddon Foo to 1.2 (p. 6)

- Make Foo 1.2 just like we did 1.0 (p. 4)
- Your repository should now have:
 - Foo.pm, Foo-1.0.work/, Foo-1.0.orig/, Foo-1.2.work/, Foo-1.2.orig/, Foo/lisc, Foo/1.0.mysql, Foo/1.0.tar.gz, Foo/1.2.mysql, Foo/1.2.tar.gz
 - mkdir Foo/upgrade; mkdir Foo/upgrade/1.0_1.2/



Upgrade cPAddon Foo to 1.2 (p. 6)

- Make the upgrade patch:
 - `diff -ruN Foo-1.0.work/html/ Foo-1.2.work/html/`
 - > `Foo/upgrade/1.0_1.2/diff`
 - Why ...work/html and not ...work/ ?
 - `make Foo/upgrade/1.0_1.2/mysql` (w/ variables p. 7)

Test cPAddon Foo (p. 21)

- Put Foo/ and Foo.pm in
`/usr/local/cpanel/cpaddons/Vendor/Category/`
- Make sure the cPAddon Tweak Settings are set to allow this
- Use existing Vendor name or add Vendor to cPAddonConf.pm's %vend hash manually

Distribute cPAddon Foo

- Add it to WHM and cPanel via a vendor
- Vendors will be listed @ cpaddons.cpanel.net
- Choose a good name (p. 19)
- Setup your “Vendor URL” script. (p. 19)
- Upload cPAddons and “Meta” files (p. 20)
- cPanelSync-ify your “Vendor URL” path, how?



cPanelSync-ify your “Vendor URL” path (p. 23)

- cphost docroot/cphuri
- What is cpanelsync?
- How can I use it?
 - cPanel::SyncUtil
 - Example scripts

Commercially licensed cPAddon (p18)

- Paradigm #3 preferable for most cases
 - It allows for validation before install
 - Allows vendors to specify the reason why its invalid
- Url gets 'lisc' and 'user' params
 - Hint: use REMOTE_ADDR and user to track usage of lisc

WHM Administration

- add/remove/refresh installed addons
 - “remove completely” link
- Feature lists
- Moderation

WHM Administration

- Manage vendors
- Tweak Settings
 - Prevent use of cPAddon not provided by your vendor
 - Prevent use of altered cPAddon
 - Moderation email notification and addr to use
 - Max number of moderation request



WHM Administration

- Installation management
- Per user or server wide:
 - Reports (ok, need upgraded, not installed via WHM),
 - Upgrade or uninstall
 - View installation registry data



Coming soon to cPAddons near you

- Language awareness
- postgres support
- More comprehensive provisioning tool
 - Admin install link for easy WHM provisioning
 - Scriptable API and CLI scripts

Dans la Fermeture

- Faster upgrades, additions, fixes from cPanel
- **More reliable, intuitive, useful, profitable experience for you!**

