

Automatic Updates

Goals

- Set up unattended self-updating Tiki
 - This is for 12.3 -> 12.4 -> 12.5 but not for 12.x -> 13.x
- Will be very appealing for LTS versions (set and forget for a few years)
- Get a warning and abort update if a conflict is detected
- Run tiki-check.php to detect any changes on the OS which could cause issues

Steps

Install

- Install normally via SVN
- Make sure .htaccess is an alias of _htaccess to avoid merge conflicts
- Make as few changes to Tiki code as possible, and if you must, make them clean and self-contained to reduce changes of SVN merging conflicts.

Check if new version of Tiki is available

- [Update notifier](#)

Check if the update would cause conflicts

- [Check if the update would cause conflicts](#)

Conflict detected

- Alert site admin

No conflict detected

Proceed to upgrade

- svn upgrade
- sh setup.sh -n fix
- php console.php database:update
- php console.php cache:clear
- php console.php index:rebuild
- lock the installer

Other ideas

- Would be nice to be able to have a parameter to decide how old your instances should be (ex.: use latest code vs code from a week ago). Why? Say you are running hundreds of Tiki instances. If a regression is introduced, it will hit all Tikis at once, which could be painful. Alternatively, you could have 10% of your instances which use the most recent code which users code from 10 days ago. Thus, if a regression is detected / reported via the 10% of instances, you have some time to react. Typically by putting the update process on hold until the regression is resolved.

Todos

- Make it better and commit to Tiki
 - Maybe add it to the existing [svnup.sh](#) script?
- Add lock installer command
- Double check the conflict detection

Related links

- <http://make.wordpress.org/core/2013/09/24/automatic-core-updates/>
 - <http://philonthe.net/2011/02/wordpress-automatic-update-feature-good-or-bad/>
- https://maxmorgandesign.com/simple_php_auto_update_system/
- <http://stackoverflow.com/questions/2439160/how-to-self-update-phpmysql-cms>