



tool_lifecycle

Finally! Deleting Courses Automatically

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MOTIVATION?



WARN - 90.29% USED

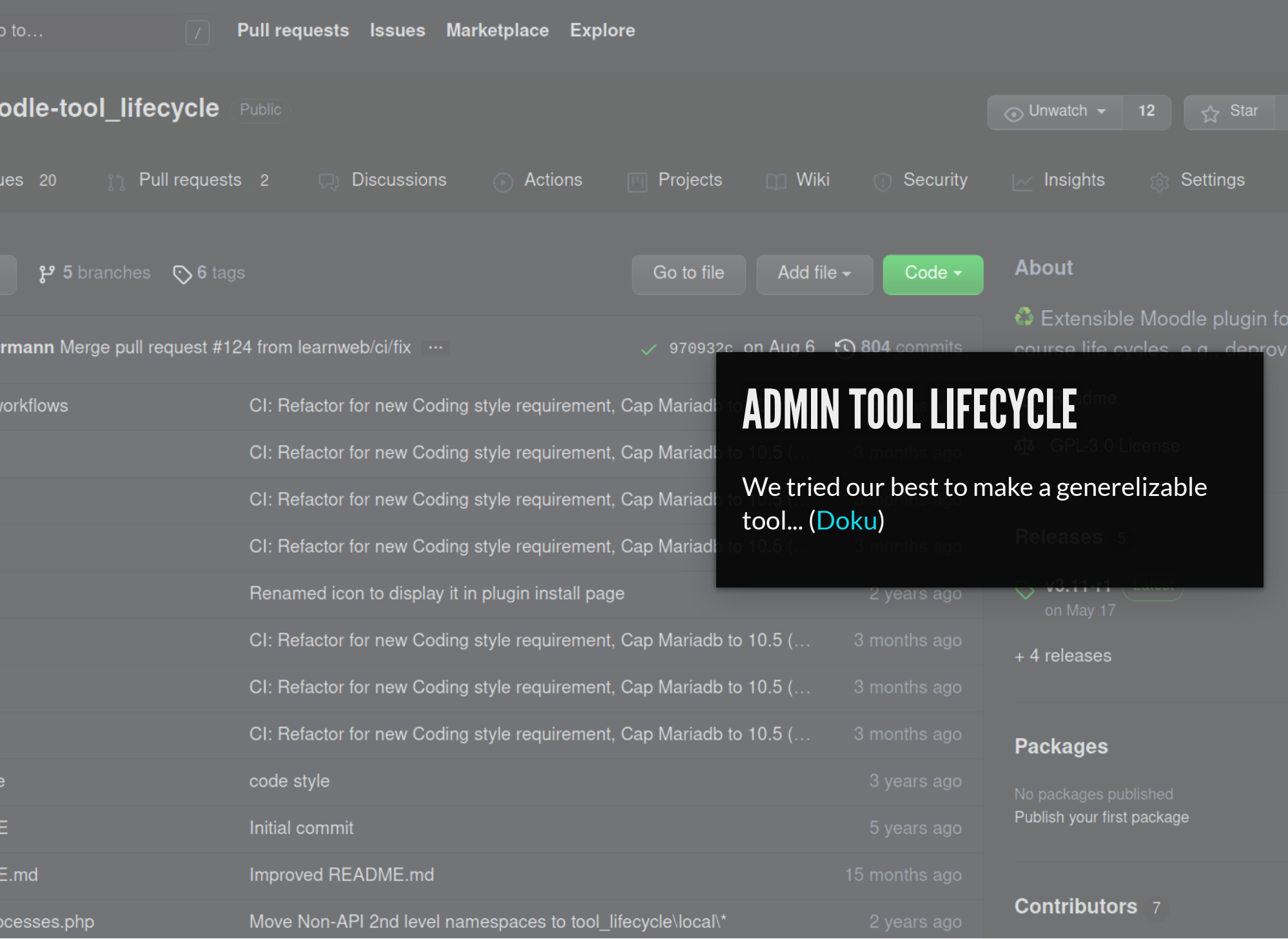


TREND: +493.83 MB / 24 HOURS

- Free Memory Space
- "Cleaner" System
- Faster Page loading times
- ...

A silver laptop is open on a wooden table. A black cat is sitting on the laptop. The text "AND NOW?" is overlaid in the center of the image.

AND NOW?



ADMIN TOOL LIFECYCLE

We tried our best to make a generalizable tool... ([Doku](#))

```
1 <?php
2 //...
16
17 /**
18  * Lib functions for tool_lifecycle.
19  * @package tool_lifecycle
20  * @copyright 2017 Tobias Reischmann WWU
21  * @license http://www.gnu.org/copyleft/gpl.html GNU GPL v3 or later
22 */
23
24 defined('MOODLE_INTERNAL') || die();
25
26 /**
27  * Adds a tool_lifecycle navigation course in moodle.
28  *
29  * @param navigation_node $node The navigation node to add.
30  * @param stdClass $course The course to add the node to.
31  * @param context $context The context of the course.
32  * @return void|null return null if we don't want to display the node.
33  * @throws coding_exception
34  * @throws moodle_exception
35 */
36 function tool_lifecycle_extend_navigation_course($node, $course, $context) {
37     global $PAGE;
38
39     // Only add this settings item on non-site course pages.
40     if (!$PAGE->course || $PAGE->course->id == SITEID) {
41         return null;
42     }
43
44     if (!has_capability('tool/lifecycle:managecourses', $context)) {
45         return null;
46     }
47
48     $url = null;
```

SOFTWARE?

Doku

EXPECTATION VS REALITY



*“Let's delete everything older than
1 year!”*

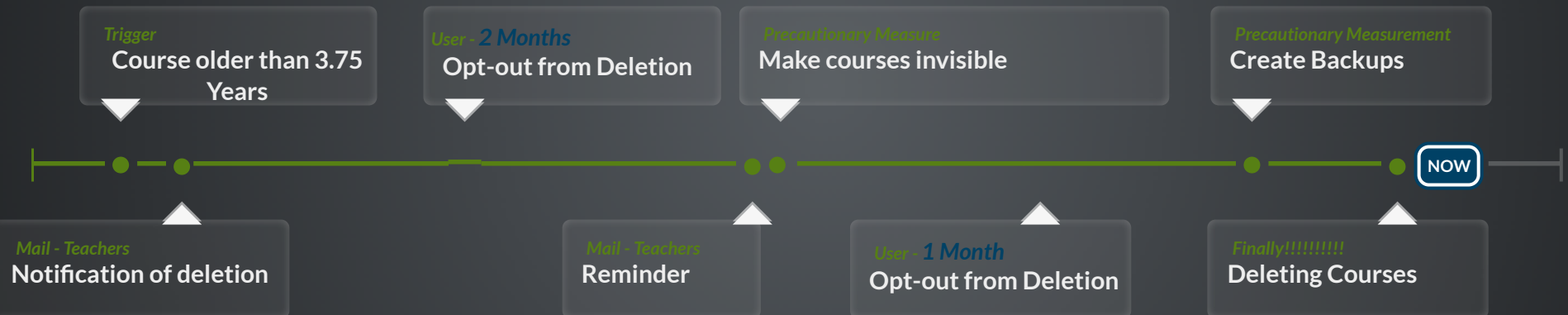


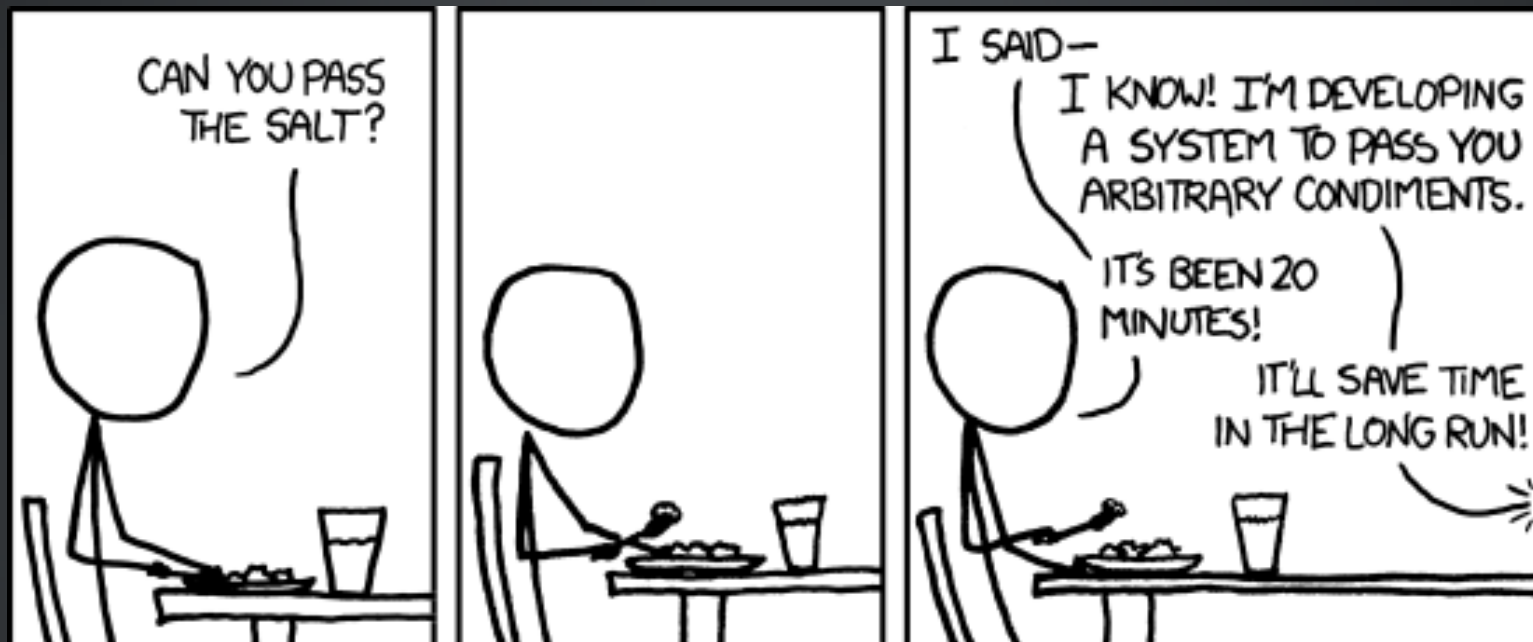
Grades, Templates 😱 ????



“Older than 4 years.”

EXAMPLE - WWU





<https://xkcd.com/974/>

Fixed some more typos



tobiasreischmann committed on Apr 9, 2017



34ec368



Fixed typo in class path



tobiasreischmann committed on Apr 9, 2017



9a3716f



Created basic info in readme



tobiasreischmann committed on Apr 9, 2017



519202f



First structure of the module



tobiasreischmann committed on Apr 9, 2017



68db77e



Initial commit



tobiasreischmann committed on Apr 9, 2017



bf96961



Newer

Older

Tobias Reischmann - 2017

SUB-PLUGINS

Documentation

lifecycletrigger → Under which conditions
should a course be handled?

Repo for empty template

lifecycstep → What should happen with the
courses?

Repo for empty Step

Trigger- ALWAYS INCLUDED

- Coursecategory
- Specific Date
- Start of the Course
is xxx days/months/... ago
- ...

Steps - ALWAYS INCLUDED

- Create Backup
- E-Mail for Teachers
- Delete Courses
- Make courses invisible

USERINTERFACE



DEMO

EXAMPLE - WWU

Courses	~55.000	~-40%	~22.000
Filesystem	12,9 GB	~-10%	11,6 GB
Backups	14T	~-40%	6,1T (+2,4T)
DB-Dump	11,9 GB	~-5%	11,3 GB

REMARKS FROM ME

- Advantages highly depends on your Workflow
- Finally a release candidate
- Communication:
 - Instruction for creating backups
 - We are not a Filehosting service!

OUTLOOK

- Notify students (optionally)
- Batch Processing - Admin Steps
- Deleting Users?

THANK YOU FOR YOUR ATTENTION! ANY QUESTIONS?

Mail or Github

