

Initiative Title: Composer GUI

Initiative Summary:

The goal of this initiative should be to implement a TYPO3 backend module as a replacement for the current Extension Manager. In this module you can search, list, update, remove or install composer packages for your installation.

Background:

TYPO3 core and many extensions use composer, but it's still not suitable for people not able or not willing to use the command line. Also, including external libraries into extensions without using composer is a mess.

With a graphical user interface in TYPO3 backend all people can use composer and maybe even don't know they're using it.

Goals:

- Implement TYPO3 backend module with the list of all packages
- Possibility to search for new packages
- Possibility to safely update extensions
- Possibility to show, if a package contains known security issues
- Get human readable feedback on errors or dependency issues

Scope:

Building a TYPO3 backend module to list, search, install, update and remove composer packages.

Timing:

It should be available as an extension for TYPO3 v10, maybe also supporting v9.

With nearly 2 years in development we aim for a core integration in the version after v10.

Milestones:

- Create a concept
- Create a backend module
- List all packages of current installation and show possible security issues
- Search for packages
- Install packages and get feedback of dependency issues
- Update packages and get feedback of dependency issues

Current Status:

None.

Team & Lead:

Lead: You?

Team:

- Thomas Löffler
- Frank Berger
- Daniel Gohlke
- You?

Get involved:

How to get a hold of the initiative team (Slack channels, email addresses, who to contact)?

Are we looking for contributors with specific skills for this initiative?

Will create a Slack channel #cig-composer-gui.

Skills needed:

- composer
- PHP
- Bootstrap pros for creating understandable UX

References / Further Reading:

- composer cloud resolver:
<https://medium.com/@yanick.witschi/composer-cloud-resolver-e64254f5728e>
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Add links to specifications, concept papers, decisions

Open questions:

- Where to put the pages for the initiatives? How to communicate them?