

## Extension Development – The Cloud is the limit

### ABSTRACT

Some people might think that extension development is hard, but it does not need to be. How do we make it easier? How can one ensure that the quality is kept? Without running the full-scale QA engine. There are a lots of tools that one can use for free in the cloud. The primary topic for this talk will be Travis CI and the tools one can use together with it.

### DESCRIPTION

Software development and quality needs to go hand in hand to serve the world and the Open Source community with better software, but how can we achieve this? One thing that most developers hate is manual work. Whenever developers see the possibility to write a script that fixes the problem, rather than doing it manually, most of them would do so. The keyword is automation, and here Travis CI comes into play. Travis CI helps you automate basically everything that you can imagine, such as running:

- PHPUnit tests
- Code Coverage
- PHP CodeSniffer
- PHP MessDetection
- Code Lint's – PHP, TypoScript, XML, JavaScript

Attendees will become familiarized with Travis CI, and how to use and configure it to run several jobs automatically on every single commit or pull request.

### ABOUT THE SPEAKER

Tomas Norre Mikkelsen is a software engineer working for AOE in Wiesbaden, Germany. He's an active member of the TYPO3 Open Source community and has contributed to many extensions, such as PHPUnit and the Crawler extensions. He's also part of the TYPO3.org development team. Tomas is originally from Denmark but has been living in Germany for the last two-and-half years.