



Contribution ID: 14

Type: ワークショップ / **Workshop**

Security and Updates/Upgrades with GIT

Thursday 27 February 2025 16:30 (1h 30m)

With Moodle 4.5 LTS (Long-Term Support) now released, many will be planning their next upgrades. Being an LTS, Moodle 4.5 will receive general updates until October 2025 and security updates until October 2027. However, to take advantage of the LTS updates, it is necessary to regularly and frequently update your Moodle software. It is insufficient to install an LTS version and not update it regularly as this will result in security vulnerabilities and broken code not receiving necessary patches. This can be a tedious procedure, but it does not have to be a heavy burden. In this workshop, aimed at server administrators, participants will get hands on experience at using GIT to upgrade Moodle code in a way that requires just five commands to process updates (which should be done at least bimonthly), and with a few more commands, upgrade the Moodle to the next major version. In addition to managing the Moodle code, we will also look at plugin management and maintenance as well as the necessary step of taking a full backup of the Moodle site before attempting any updates or upgrades. Some considerations for webserver configuration for security will also be demonstrated. Time permitting, we will finish with a description of how the updating process can be simplified even further using scripts and/or Ansible to automate and even scale the process for multiple server environments.

発表日の希望 / **Preferred Day**

いずれの日でも結構です / Either day is fine

MAJ R&D Grant

いいえ

Author: JENKINS, Adam

Presenter: JENKINS, Adam

Session Classification: Workshops in English (Room C)

Track Classification: サイトおよびサーバ管理 / Site and Server Administration