



Contribution ID: 71

Type: 個人の発表 / Individual Presentation

## Creating quiz question banks with ChatGPT

*Saturday 17 February 2024 09:30 (40 minutes)*

In this session the presenter will explain in detail how the well-known AI tool “ChatGPT” was used to create a large number of Moodle quiz questions, suitable for filling a question category and adding to a Moodle Quiz as a “random” question. The explanation will include a description of the choice of model (GPT-3.5-turbo, GPT-4) and the development of suitable prompts that produce reliable and well-structured output.

The prompts were developed by interacting directly with ChatGPT via its website. Several question formats were tested including text, GIFT and XML. By giving examples and using place-markers in templates, it was possible to create prompts that “trained” ChatGPT to give useable responses formatted as XML that could be directly “imported” into the Moodle question bank.

In the final stage of the project, a PHP script was developed to send the prompts to ChatGPT via its API. Upon receiving the output from ChatGPT, the script automatically adds the questions into Moodle. At the end of the presentation, an actual implementation of this technique to produce a bank of questions suitable for training and testing vocabulary will be demonstrated.

### 発表の種類 / Presentation type

プレゼンテーション (40分) / Presentation (40 mins)

### これは商業的な発表会なのか? / Is this a commercial presentation?

非商用 / Non-commercial

### 発表日の希望 / Preferred day

2月17日(土) / February 17 Saturday

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**Session Classification:** 2105 号室 / Room 2105

**Track Classification:** Moodle の機能開発 / Moodle development