

MoodleMoot Kassel 2018



# Moodle Plugin StudentQuiz

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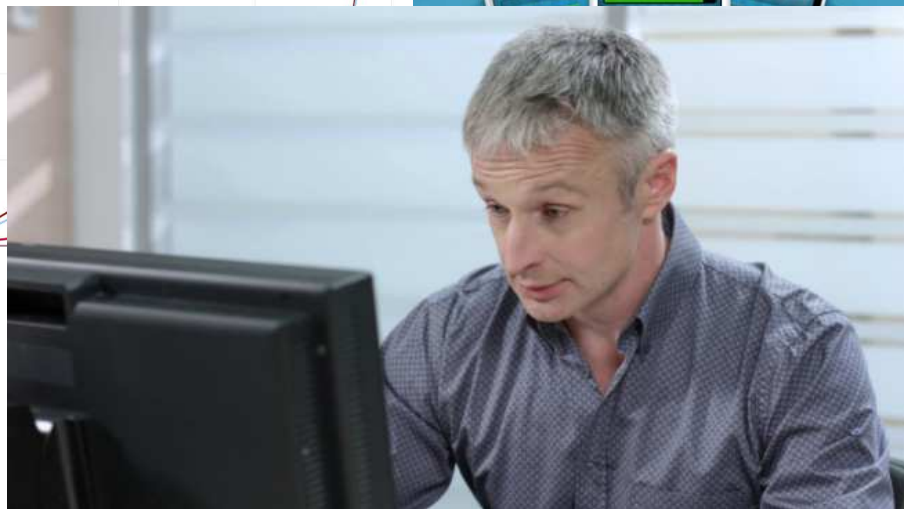
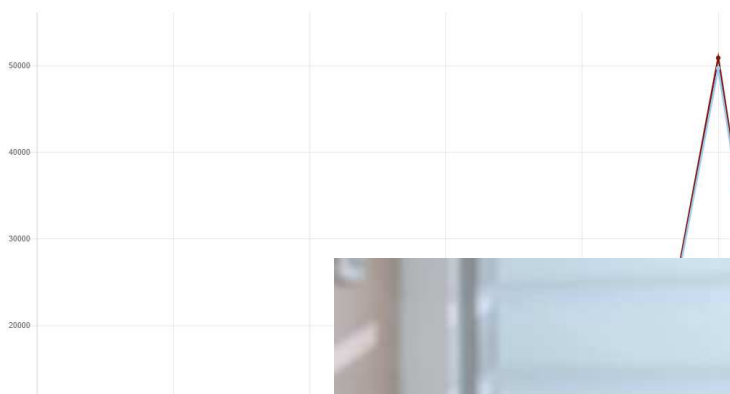


## StudentQuiz - puts students in the Moodle driver's seat

1. Introduction StudentQuiz
2. Demo StudentQuiz
3. Exercise StudentQuiz
4. Discussion StudentQuiz



## StudentQuiz - The Idea





## StudentQuiz - Properties

- StudentQuiz makes Moodle content student-driven.
- StudentQuiz enables students to collaboratively create their own question pools.
- Students can filter questions into quizzes, and they can rate and comment questions while working through the quizzes.
- StudentQuiz collects usage data for each question and ranks students based on their contribution and answers.
- The Personal Learning Assistance shows each student his/her individual learning progress and compares this with the community.
- Created questions become part of the Moodle question bank and can be reused in other Moodle quizzes.
- StudentQuiz was developed at the HSR University of Applied Sciences Rapperswil, is open source GPLv3, and can be downloaded from the Moodle Plugin Directory.



## StudentQuiz - Exercise

### ■ Go to StudentQuiz Demo Server

- <https://studentquiz.hsr.ch>
- Create your personal account or use one of these generic logins
- Go to StudentQuiz 3.0 Demo Course and pick activity StudentQuiz Kassel

### ■ Hands On

1. Contribute one or more questions to StudentQuiz Kassel
2. Filter some questions and run your quiz
3. Answer, rate and comment the questions
4. How are you doing? Check your progress bar and ranking

Login **demostudent01** Passwort **StudentQuiz**  
Login **demostudent02** Passwort **StudentQuiz**  
...  
Login **demostudent20** Passwort **StudentQuiz**



## StudentQuiz - Resources

### ■ Find all resources at [studentquiz.hsr.ch](https://studentquiz.hsr.ch)

- What is StudentQuiz?
- Introduction video
- Manuals
- Sandbox
- Discussion and Feedback form
- Contact

### ■ Moodle Plugin Directory

- [https://moodle.org/plugins/mod\\_studentquiz](https://moodle.org/plugins/mod_studentquiz)

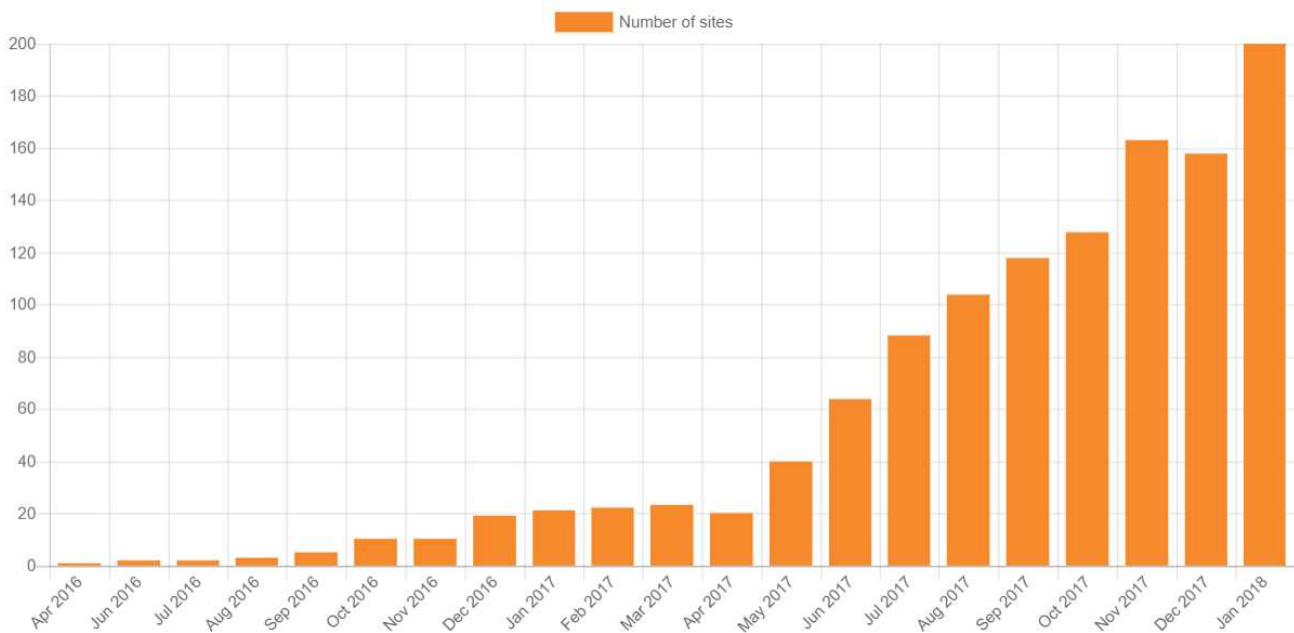
### ■ Github StudentQuiz

- [https://github.com/frankkoch/moodle-mod\\_StudentQuiz](https://github.com/frankkoch/moodle-mod_StudentQuiz)



## StudentQuiz - Usage statistic

Number of sites using the plugin: 200





## StudentQuiz - Example University of Otago, New Zealand

- University of Otago started with faculty of medicine = 1 800 students
  - 5 shared banks:
    - Obstetrics and gynaecology maintains 450 questions
    - Pediatrics maintains 400 questions
    - Psychology maintains 300 questions
    - Pathology maintains 900 questions
    - Pharmacology maintains 500 questions
  - 5th year student revision course maintains 5 750 questions
    - Up to 120 simultaneously working students
    - No performance issues
- University of Otago now opened StudentQuiz for all its 20 000 students












## StudentQuiz - Example HSR Hochschule für Technik Rapperswil

- Wirtschaftsinformatik with 80 students plus me
- Each student was asked to provide 4 questions
- During the course of the semester we shared 540 questions
- Figures based on StudentQuiz 2.0

### Wirtschaftsinformatik 1 FS2017

Computed from logs since Wednesday, 23 July 2014, 11:53 AM.

Activity	Views
 Nachrichtenforum	523 views by 64 users
 Chatroom	95 views by 31 users
 Semesterprogramm W1 FS17	282 views by 65 users
 Lehrmittel Wirtschaftsinformatik 1	79 views by 38 users
 Companion Website	61 views by 36 users
 StudentQuiz W1	14960 views by 81 users
 Anleitung zur Erstellung guter MC-Fragen	177 views by 69 users
 Testatmodalitäten	672 views by 78 users
 Prüfungsmodalitäten	263 views by 75 users



## StudentQuiz - Experiences

- Think about the question types allowed
- Train students how to create good questions, especially MCQ
- Contribute some good quality questions as guide lines first
- Require a minimum number of questions from each student
- Create a gamified atmosphere
- Be fast with comments, be hard with approvals and deletes
- You maybe want to mention that you “maybe” want to recycle some good questions for the exam ;-)




## StudentQuiz - Next Steps and Discussion

### ■ Next Steps for us developers

- Getting ready for Moodle Mobile
- Setup Activity completion
- Setup Gradebook

### ■ Next Steps for you

- Create your account at [studentquiz.hsr.ch](https://studentquiz.hsr.ch)
- Share your ideas and thoughts about StudentQuiz  [StudentQuiz Feedback](#)
- Come back to [studentquiz.hsr.ch](https://studentquiz.hsr.ch) as often as you like
- Share the introduction video with interested colleagues
- Feel free to contact [frank.koch@hsr.ch](mailto:frank.koch@hsr.ch)

### Discussion

- Anything missing?
- Special learning scenario?
- Are you interested using StudentQuiz?
- Cooperation ideas?