



Berner Fachhochschule
Haute école spécialisée bernoise
Bern University of Applied Sciences

Introduction to MoodleNet

A platform coming towards us in the near future

Luca Bösch

What It Is & What It Can Be Used For



What's next?

@bryanMMathers

Open Educational Resources!

- ▶ Share your resources
- ▶ Find other resources
- ▶ Have a place to share experiences and how-tos
- ▶ Create a community

Roadmap

Roadmap

Done

- ▶ Q1 2018: Conceive
- ▶ Q2 2018: Plan
- ▶ Q3 2018: Develop
- ▶ Q4 2018: Iterate

Current/Next

- ▶ Q1 2019: Test
 - ▶ 100 users, iterate based on feedback, give invites to share with friends and colleagues to grow organically and sustainably
 - ▶ test federation of MoodleNet instances, HQ-run API-as-a-service
- ▶ Q2 2019: Launch
 - ▶ develop plugin for sending collections from MoodleNet to courses in Moodle Core

Demo

Let's Have a Look at the Working Demo

Distribution

How Does Pushing of Resources Work

Resources distribution

Resources are pushed by using a non-centralized (a federated) infrastructure.

Therefore the ActivityPub protocol is used, in its implementation named CommonsPub.

ActivityPub is a decentralized social networking protocol based on the ActivityStreams 2.0 data format.

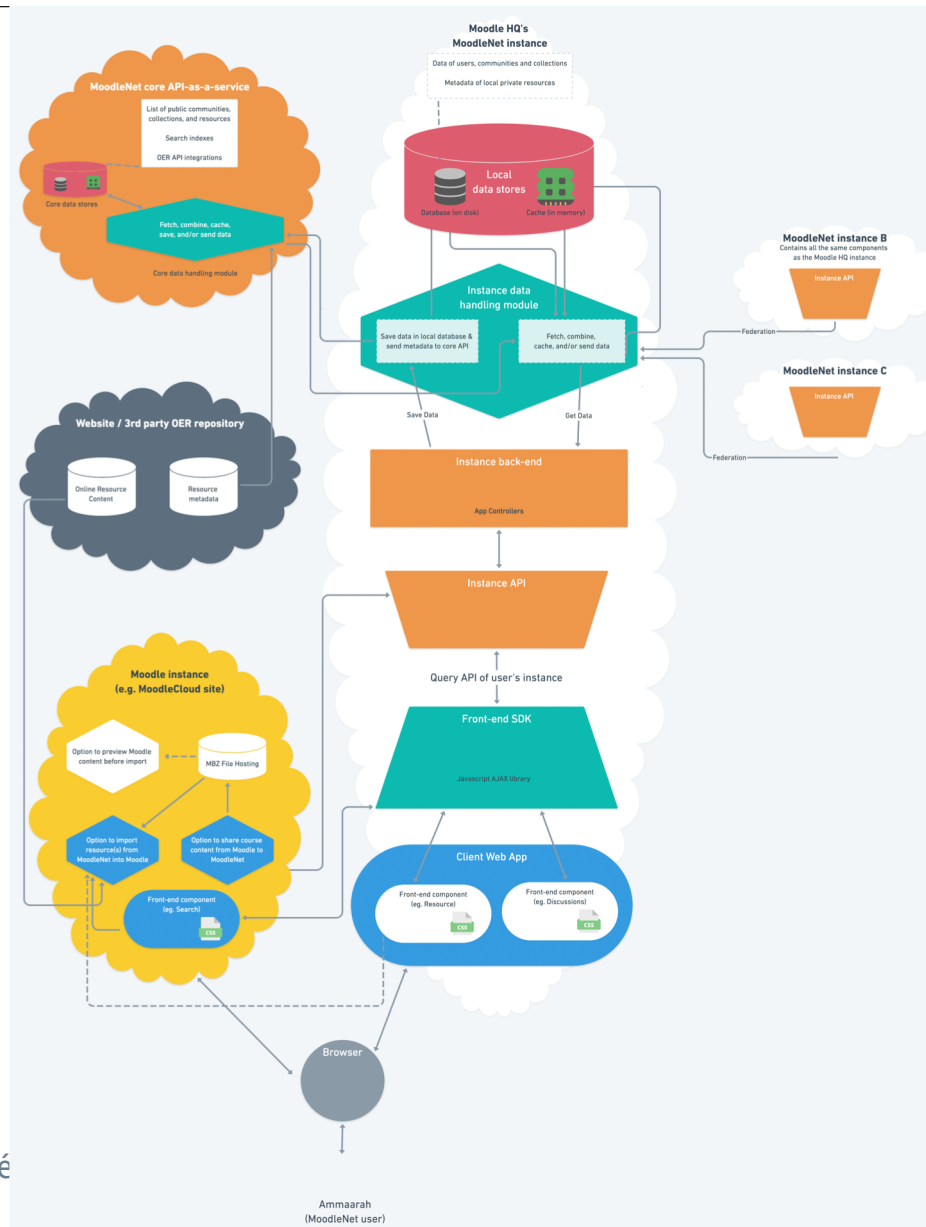
Other projects using ActivityPub include:

- ▶ The Mastodon social networking software
- ▶ An image share platform named Pixelfed
- ▶ A free music server named Funkwhale
- ▶ etc...

Resources distribution

- ▶ Let me try to explain how federated distribution using ActivityPub works.

What Does It Contain, How Do I Add Something?

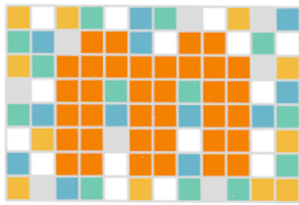


Easily Add Your Resources from Your Local Moodle



Is it Sustainable?

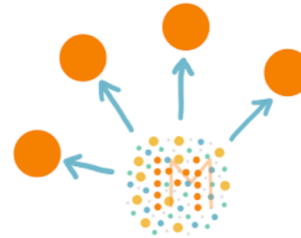
Ideas to progress on



MEMBERSHIP



DONATIONS



REFERRALS



EQUITY
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CONTENT



MOODLE BUCKS

@bryanWalters

Some options for
MoodleNet sustainability
from 2019 onwards

Questions & Answers

Doug Belshaw, Project Lead, Moodle

Links

- ▶ Docs on MoodleDocs: <https://docs.moodle.org/dev/MoodleNet>
- ▶ MoodleNet Project featuring the Blog: <https://blog.moodle.net>
- ▶ MoodleNet sources <https://gitlab.com/moodlenet>

- ▶ ActivityPub W3C Recommendation: <https://www.w3.org/TR/activitypub>
- ▶ CommonsPub: <http://commonspub.org>
- ▶ Martin Dougiamas on MoodleNet <https://univideo.uni-kassel.de/m/8af8d5a70f2efa879f6cb6bbe19a4d2be973a0a7b9dba6fdce9b9a40809933cc76dcb87060973f52785e2eba71fc0f07ab627d526deb288cae80529a87215ab> starting on 52'



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Thanks!

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