MoodleBox Challenges and Perspectives

MoodleDACH 2023 – Zürich
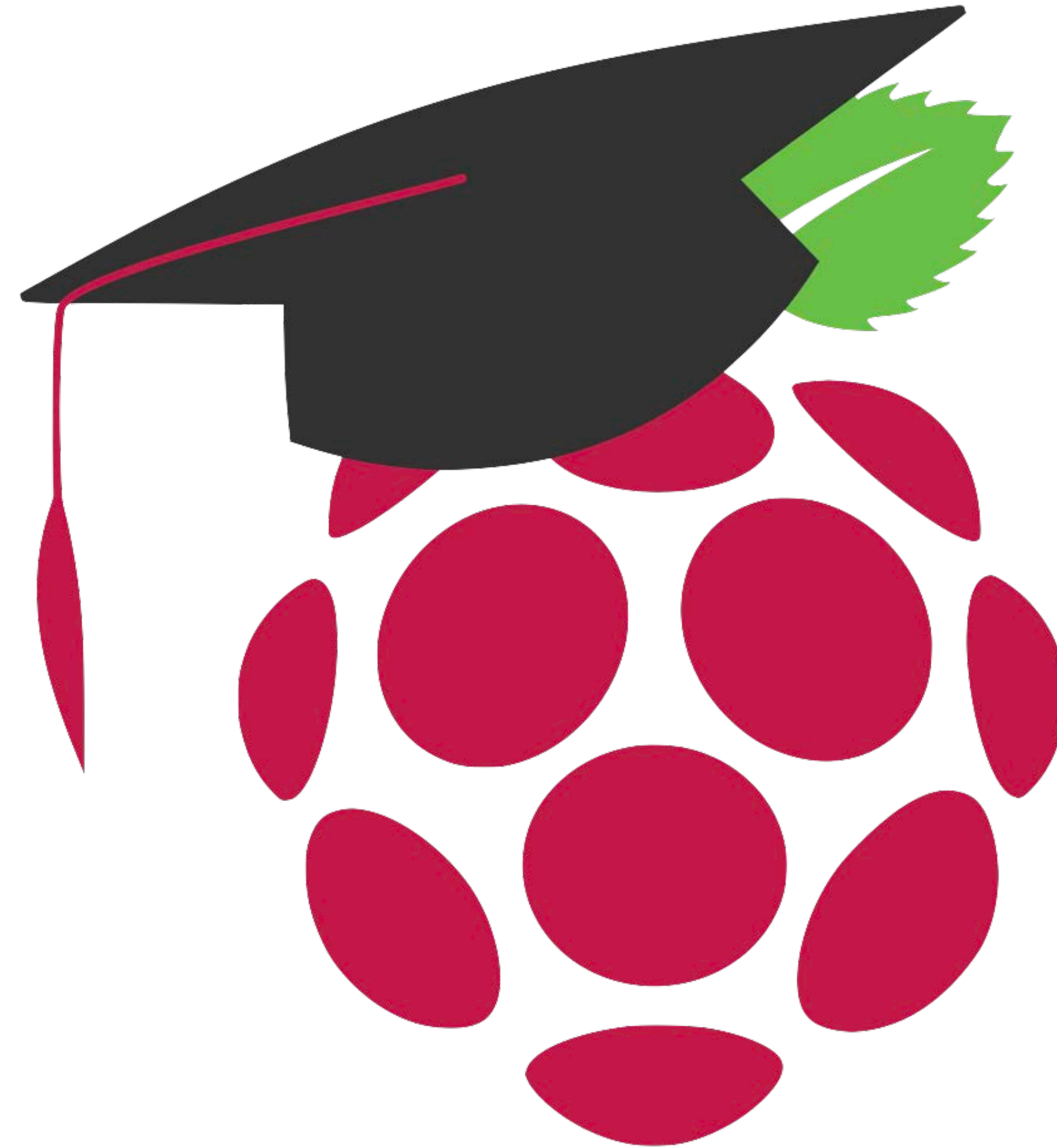
https://moodlebox.net/

Nicolas Martignoni – June 15, 2023

MoodleBox – Challenges and Perspectives

What's a MoodleBox?

MoodleBox challenges

MoodleBox perspectives

What's a MoodleBox?

Using Moodle when the infrastructure does not allow a server or when there is no proper Internet connection
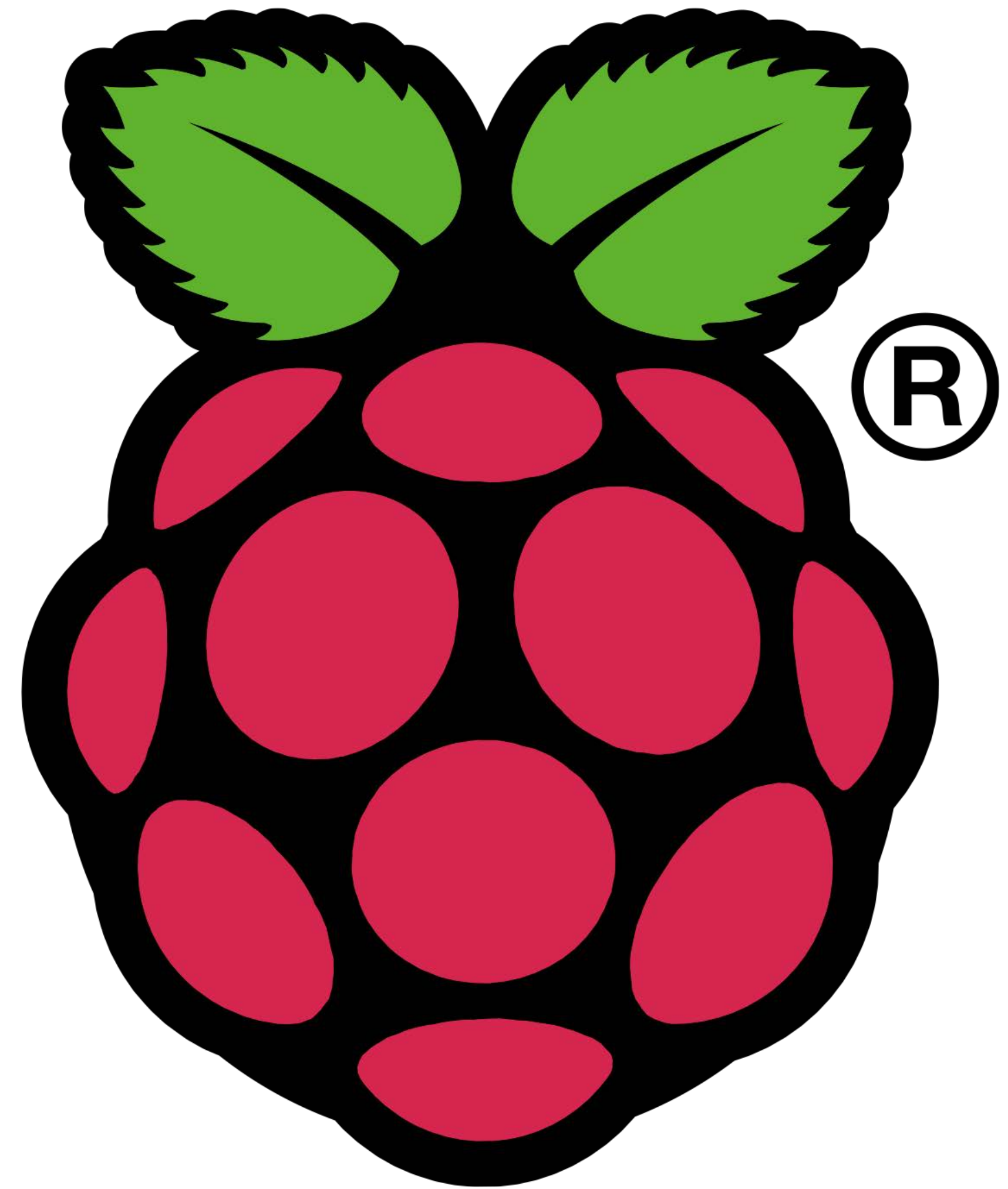
Vision of MoodleBox

A standalone, all-in-one, small, cheap and plug-and-play mobile device which combines a wireless access point with a fully featured Moodle server
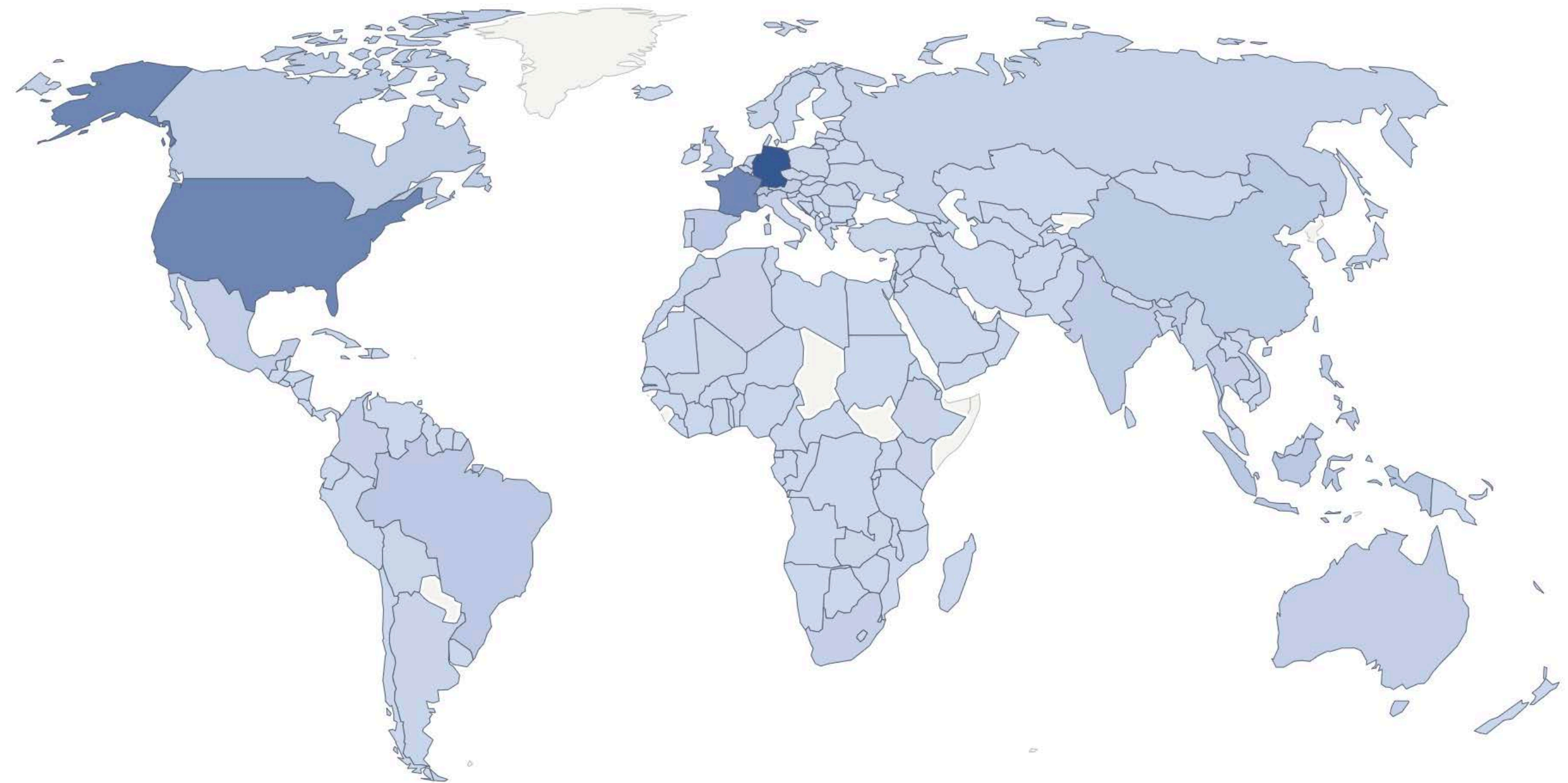
Free software under an open source license

MoodleBox criteria

- ☑ Small and mobile

- ☑ Cheap

- ☑ Standalone

- ☑ All-in-one

- ☑ Moodle server

- ☑ Client access via Wi-Fi

Use of the MoodleBox in the World

– MoodleBox image was downloaded more than 30,000 times !

– MoodleBox is used on all continents, and almost in all countries in the World

A few MoodleBox use cases

– Digital learning platform for Syrian refugee girls, Lebanon

– Moodle in the wild: e-learning in the wilderness for teacher training, Germany

– Moodle in prison: at the Caen detention centre, France, inmates have access to course content from the local university

– Rural literacy solutions, Ghana

– Escape game for chemistry teaching at the Troyes University of Technology, France

– Reaching remote areas with interactive school digital resources with no Internet and no reliable electricity, Lebanon

– And many more…

MoodleBox Challenges

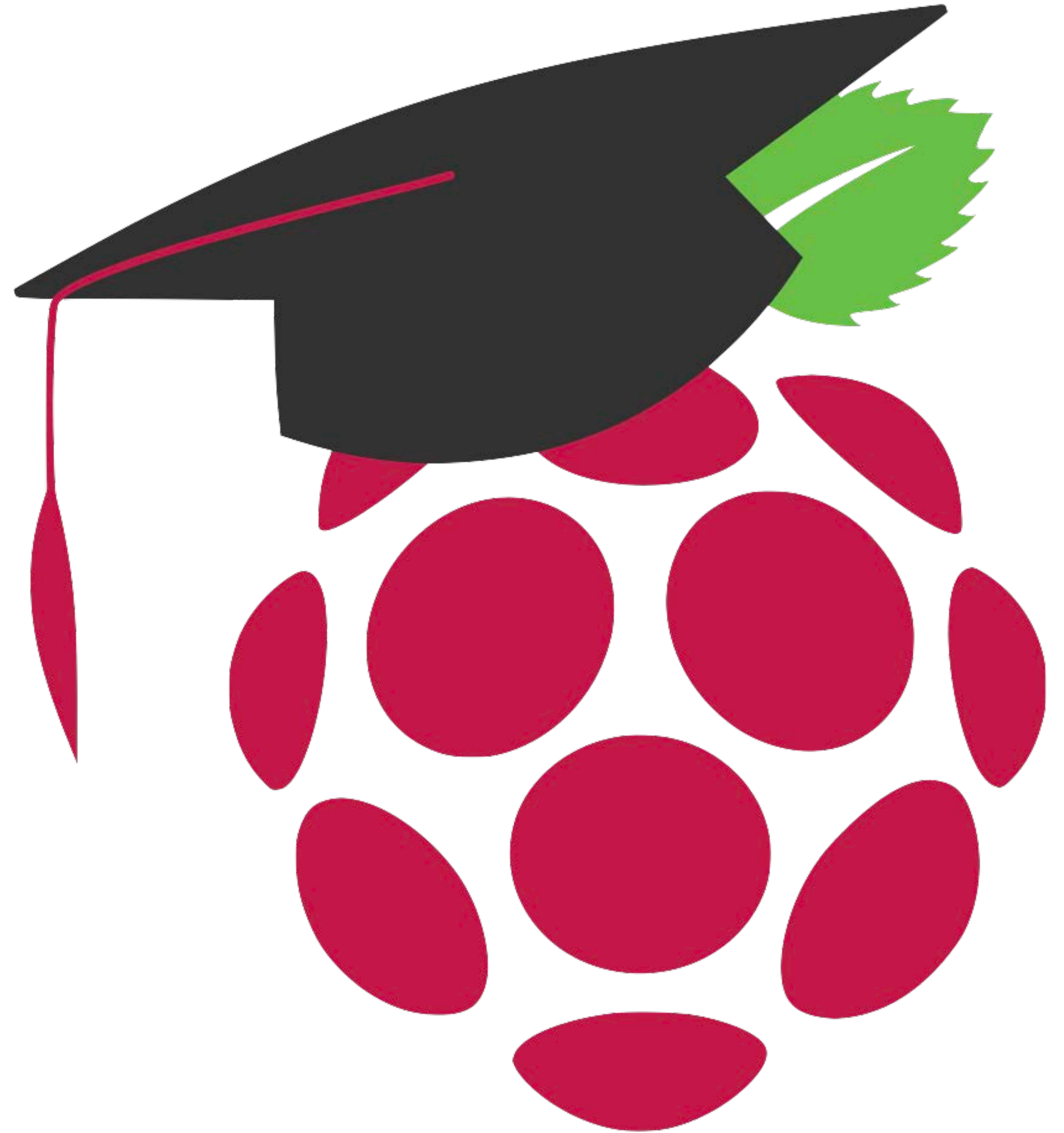# Making life easier for the typical teacher

MoodleBox: the onion model

1. Hardware

2. Software (prepared disk image + Moodle plugin)

3. Support and documentation

4. Content (preferably OER)

Software Challenges

– What can we do to make MoodleBox even easier to use?

– What operations could be facilitated?

– What can we do to empower the teachers to use MoodleBox effectively?

Support Challenges

– What can we do to better help MoodleBox's users?

– What can we do to help more MoodleBox's users?

– What can we do to empower the teachers to use MoodleBox effectively?

Content Challenges

– What can we do to find good and free (OER) content?

– How can we package good and free (OER) content into the MoodleBox?

– What can we do to foster OER sharing?

OPEN EDUCATIONAL RESOURCES

Thank you!

https://moodlebox.net
https://discuss.moodlebox.net
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