



What is a RACHEL Module?

A RACHEL module is a set of HTML open source learning materials that generally cover a topic, for example, easy reading books or secondary school curriculum. Each module has its own HTML file (often, but not necessarily, index.html) that is loaded when the module is selected. World Possible makes the RACHEL modules available from its site OER2Go (OER2go.org).

WELCOME TO THE WORLD'S LARGEST REPOSITORY OF DOWNLOADABLE WEBSITES

OER2Go (Oh-Eee-Are To-Go) is a collection of educational websites re-packaged for download and offline use. It allows teachers, schools, and other educational organizations to deploy [Open Educational Resources](#) in areas where internet access is limited, expensive, or non-existent. In other words, the areas that need them most.

OER2GO IS FREE FOR ANYONE TO DOWNLOAD AND USE, ANYTIME

All of the modules on OER2Go are free Open Educational Resources (OER) like Khan Academy, Wikipedia, Fantastic Phonics, Moodle and over 100 more. These websites are easily accessible to anyone with an internet connect, but are currently inaccessible to the 52% of the world that doesn't have internet access (4 billion people!) We currently have modules in English, Spanish and French, and we are adding new content all the time. On average, users from around the world download over 90 terabytes of content per year. OER2Go is developed by World Possible, and used by many organizations that bring educational resources to places where internet access is limited, expensive, or non-existent: RACHEL (another World Possible project), Internet In a Box, Pirate Box, Endless OS, and many more!

HOW WE CREATE OFFLINE WEBSITES

Imagine making a photocopy of every single page of a book, then binding those copies together into a new book. That's a little bit what making an offline copy of a website is like. We take an openly licensed educational website and make a copy of the content on each page of that website. Then we go through those pages and remove links to outside websites, and change internal links so they will continue to function without the internet. Then we take out all the pictures and videos, compress them so they use the least amount of storage possible, reformat them into a basic standard so they are all compatible with HTML5, and then put them back. Finally, we rebuild the website for offline navigation. The whole process takes from a few days to a few weeks, depending on the size and complexity of the website.

WHAT KIND OF CONTENT WORKS ON RACHEL?

We can currently store many different types of files on RACHEL: books (PDF or EPUB), images (JPG), videos (WAV), podcasts (MP4). These files are the easiest to turn into modules: for example, a Google Drive folder full of PDF files can become a module in just a few hours, and doesn't require a website.

We can also store Android apps (APK files) and software for Windows machines (EXE files), though these will not work on all devices. The majority of our users in the developing world access RACHEL on old computers and laptops, Chromebooks, and Android tablets running older versions of Android. As much as possible, we seek content that works across all devices.

HOW WE CHOOSE CONTENT

There's a lot of great open educational content out there, and since it takes time for our small team to create a new module, we have to prioritize. We look for content that is:

- High quality
- Openly licensed with a [Creative Commons CC-BY](#) or other open license
- Useful and educational for a wide range of our users
- Targeted for learners in developing countries
- Ready to be deployed to actual users by our partners
- Specifically requested by our chapters or partners in the field

If you would like to recommend or request specific content for RACHEL, or see what others have requested, please visit our [community forums](#).

HEY, CONTENT CREATORS!

Are you trying to change the world with your great educational content? Do you want to get your content to the 52% of the world that doesn't have internet access? We've created tools that make it possible for you to upload your own content to OER2Go - the world's first and best open education resource center for offline learners.

When you have finished, return to the [How to Create a RACHEL Module Instructions page](#).