

One Laptop Per Child

One Laptop Per Child's mission is to create educational opportunities for the world's poorest children by providing each child with a rugged, low-cost, low-power, connected laptop (called XO) with content and software designed for collaborative, joyful, self-empowered learning. When children have access to this type of tool they get engaged in their own education. They learn, share, create, and collaborate. They become connected to each other, to the world and to a brighter future.

OLPC XO-1

OLPC XO-1 runs on a 500MHz x86 AMD Geode processor, with 256 MB RAM, and 1GB NAND Flash for OS and storage (compressed filesystem). It features 3 USB 2.0 connectors, a built-in microphone, speakers, external microphone and headphone jacks, one SD[HC] card slot, Wi-Fi (IEEE 802.11b, g, s), a LiFePO₄ battery (3 to 4 hours), 2mm thick plastic shell (twice that of conventional laptops). Approximate power consumption is between 4 and 5 watts. Maximum consumption is at 8 to 10 watts. Minimum consumption is between 0.1 to 0.3 watts .

Sugar

The Graphical User Interface (GUI) and programs on the XO laptop are the result of project called *Sugar*. One can think of *Sugar* as a learning environment, particularly tuned for younger children. Based upon 40+ years of educational research at Harvard and MIT, *Sugar* promotes "studio thinking" through demonstrations, projects, and critiques, as well as "studio habits of mind", by developing craft, engagement, persistence, expression, observation, reflection, and exploration.

Reflective practice involves students applying their own experiences to practice while being mentored by experts. In the context of *Sugar*, the expert could be a teacher, a parent, a community member, or a fellow student. At the same time, *Sugar* is flexible; it works coherently with the wide variety of instructional frameworks, deepening the student's learning experience.



One Laptop per Child

- <http://laptop.org/>

OLPC community wiki

- <http://wiki.laptop.org/>

OLPC Blog

- <http://blog.laptop.org/>

Sugarlabs

- <http://sugarlabs.org/>

OLPC Planet

- <http://planet.laptop.org>

Sugarlabs Planet

- <http://planet.sugarlabs.org>

Photos

- <http://flickr.com/olpc/sets>

Volunteer

- volunteer@laptop.org



sugarlabs

We are OLPC San Francisco Bay Area. Look us up at <http://tinyurl.com/olpcsf>

Languages and Scripts

OLPC and Sugarlabs support 96 + languages in translation infrastructure. Approximately 20 are fully supported. Here's a list:

Afrikaans, Amharic, Arabic, Armenian, Aymara, Bahasa Indonesia, Bahasa Melayu, Basque, Bengali, Bengali (India), Bislama, Bulgarian, Catalan, Chinese (China), Chinese (Hong Kong), Chinese (Taiwan), Crioulo, Croatian, Czech, Danish, Dari, Dutch, Dzongkha, English, English (South African), English (US), Estonian, Filipino, Finnish, French, French (Canada), Friulian, Fula, Galician, Georgian, German, Greek, Gujarati, Hausa, Hebrew, Hindi, Hungarian, Icelandic, Igbo, Italian, Japanese, Kannada, Khmer, Kinyarwanda, Korean, Kreyol, Macedonian, Malagasy, Malayalam, Maltese, Maori, Marathi, Marovo, Mongolian, Nauruan, Nepali, Norwegian, Norwegian Bokmål, Papiamentu, Papua New Guinea Pidgin (Tok Pisin), Pashto, Persian, Polish, Portuguese, Portuguese (Brazil), Punjabi, Quechua, Romanian, Russian, Serbian, Sindhi, Sinhala, Slovak, Slovenian, Solomon Islands Pidgin, Sotho, Spanish, Swahili, Swedish, Tamil, Telugu, Templates, Thai, Turkish, Ukrainian, Urdu, Uyghur, Vietnamese, Walloon, Wolof, Yoruba

Activities

Over 140 activities (applications) are supported. Focus is on activities (action or verb based) as opposed to applications (name or noun based). Activity categories:

General Search and Discovery , Documents (Read, Write, and Share), Feeds : News and more, Chat, Mail, and Talk , Drawing & Media creation and editing, Programming, Maths & Science, Maps and Geography, Media, Audio & Video Players, Games, Teacher and New User Tools

Deployments

Current deployments number in approximately 1 million+ units. 50,000 + units are produced every month by Quanta. Some locations are:

Afghanistan, Brazil, Cambodia, Colombia, Ethiopia, Ghana, Guatemala, Haiti, India, Iraq, Lebanon, Mali, Mexico, Mongolia, Mozambique, Nepal, Nigeria, Niue, Oceania, Paraguay, Peru, Rwanda, South Africa, Uruguay, and USA.


Try Sugar



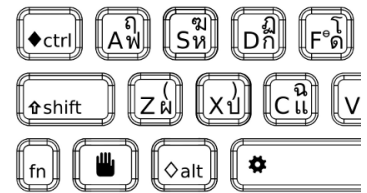
<http://wiki.sugarlabs.org/go/Downloads>

Translating for the OLPC Project using Pootle

Version 2.0



Sameer Verma, Ph.D.
sverma@sfsu.edu
Sayamindu Dasgupta
sayamindu@gmail.com



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