

What can go wrong

No "Release the game key" message

possibly you didn't get all the game keys at once

power off again

go back to 1) Prepare

possibly the USB connection has issues

Try again by plugging in the flash memory to another XO port

If after trying several times this doesn't work, suspect the USB flash files are bad. Replace the USB or the files

No grid or an "unhappy" yellow smiley ☹️

If you did get the "Release game key" message, **but** no grid after a couple minutes, or an "unhappy" smiley, start again trying another USB port.

If still no go, suspect the USB flash files are bad - replace

No reboot, no power light (green or orange)

If you got the "Release game key" message, then the grid, but no automatic reboot, check the power charger is plugged in correctly, reboot manually by pressing the power button once the power light comes on

Computers that have been blocked will not reflash

Please contact help@laptop.org if that seems to be the case

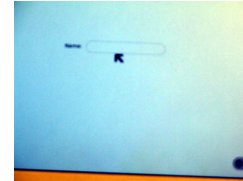
(derived from work by Caryl Bigenho, Chris Leonard, and the OLPC community)

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Reflash / upgrade your XO

This will reinstall Sugar, erasing everything on your XO!

which might be exactly what you want if you are donating your XO, for example, or upgrading to a new release of Sugar



When you're done, your XO will reboot automatically and ask you for a name, as if it were brand new.

You will need a USB with Sugar files

Make your own

You will need a 512 MB or larger USB memory stick. Some people have reported issues with sticks over 4 Gb.

http://wiki.laptop.org/go/No-Fail_Upgrade

Usually works. Also has instructions for updating Activities if you have wireless.

http://wiki.laptop.org/go/Clean-install_procedure

Making your own can get messy sometimes, like U3 and such. Find here all the nitty gritty.

Purchase a Sugar USB

yama@netoso.com

Free for XO donations to Bolivia,
\$ 6 (includes shipping) otherwise

If something in these instructions doesn't seem to work, please see the back page for helpful suggestions

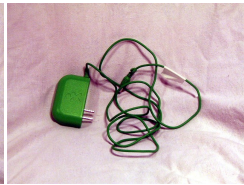
You need:



a USB flash memory stick **already loaded with Sugar upgrade files**



an XO laptop



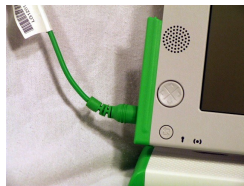
power charger for the XO laptop

1) Prepare



Start with your XO, unplugged and turned off
no blinking lights, no power light.

If necessary, remove the battery.

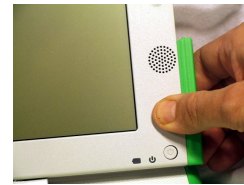


Plug your XO to its power charger. This should turn on the "power" light to green or orange.



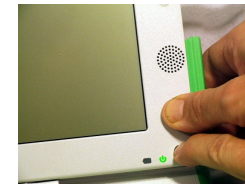
plug the USB stick into any one of the three USB ports.

2) Go



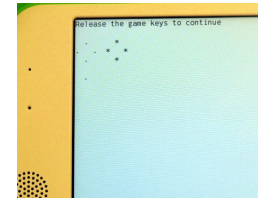
hold down all four gamepad keys (on the right side of the screen, above the power button).

be sure to get all four.



while still holding the four gamepad keys, push the power button to turn the XO on. You may need your other hand to do this.

Let go the power button right away or the XO will turn off again



keep holding down the four gamepad keys until the message "Release the game key to continue" appears on the screen.

This will happen fairly quickly, a few seconds at most. Let go the gamepad keys.

3) Done



If after a few seconds you see a grid of black and colored boxes on your screen, congratulations!

Your XO is reflashing

If not, start again. (unplug and turn off, etc).



Just sit back and let it do its thing.

It will take about 10 minutes



your XO will automatically reboot when it is done.

Your XO may reboot twice, playing the little XO tune both times, and then ask you for a name.

You may remove the USB flash at any moment now.