sugarlabs

Sugar! SoaS Brings This Sweet Educational Software To Almost Any Computer

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SCaLE 10X

Hilton LAX Saturday January 21, 2012

Getting Sugar For Your Computer

- Go to the Downloads page on the Sugar Labs Wiki
  http://wiki.sugarlabs.org/go/Downloads

Getting Sugar For Your Computer

- Go to the Downloads page on the Sugar Labs Wiki
  http://wiki.sugarlabs.org/go/Downloads

- Get info to decide what you need to download

Downloads – Sugar Labs

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

Apple – One to One | Twitter / Home | Hotmail | Facebook | Citibank Logon | Yahoo! | Apple | Google Maps | Wikipedia | News (583) | Popular

sugar labs

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Web | *Wiki* | Activities | Blog | Lists | Chat | Meetings | Bugs | Git | Doc | Translate | Archive | People | **Donate**

Downloads

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HowTo [ID# 74824]

Get Info Here

Or Here

- **Are you new to Sugar?** [MS Windows] [GNU/Linux] [Apple Mac OS X] [advanced users]
- **Do you have an OLPC XO?**
- **Do you use GNU/Linux?**
- **Do you use a Virtual Machine?**
- **Are you a developer?**
- **Are you preparing a deployment without Internet access?**
- **Are you looking for Sugar Activities?**

Getting Sugar For Your Computer

- Go to the Downloads page on the Sugar Labs Wiki
  http://wiki.sugarlabs.org/go/Downloads

- Get info to decide what you need to download

- Follow the instructions for your Computer or OS

Very Easy Process for Windows Users

Follow the link for a list of options and instructions

MS Windows

1. **Prepare**: Download the Fedora Live USB Creator from FedoraHosted.
2. **Download** the latest Sugar on a Stick .iso file.
3. **Load**: Insert a USB flash drive (or SD Card) with 2 GB or more of free space into your computer and launch Fedora Live USB Creator to create a Sugar-on-a-Stick bootable image.
   Note: Be sure to set the *persistent storage* slider to a non-zero value.
4. **Boot**: Insert the USB stick into a USB port on your computer. Set the option to "boot from USB" in your computer's BIOS setup, and then start up the computer.

Detailed installation instructions for Windows and booting instructions are available. There is also a guide to exploring Sugar.

Click Here

sugar labs

- Sugar
  - Downloads
  - Get started
  - Find help
  - FAQs
  - Glossary
  - News
  - Get involved
  - Wish list
  - Activity pages
  - Submit bugs
  - Get the source
  - Human Interface Guidelines
- Projects
- Teams
- Local Labs
- Quick Links
- Using the Wiki
- Google translations

Sugar on a Stick/Windows

< Sugar on a Stick

Persistant USB instructions

Introduction

This page is designed to help you to put your Sugar on a Stick image on a thumbdrive using Microsoft Windows. If you have questions, trouble or feedback, please let us know on the Sugar on a Stick talk page. If you can improve these instructions, please edit the page and do so!

with Microsoft Windows

There are three ways to do this:

Scroll down for other options

- **1. Use Fedora Live USB Creator**

  (This installation method is not recommended for long-time usage of Sugar on a Stick. See why.)

  1. Download the Live USB Creator from Fedora.
  2. Insert a USB flash drive (or SD Card) with 2 GB or more of free space into your computer.
  3. Launch Live USB Creator.
  4. Select the 'Browse' button to 'Use existing Live CD' and find the downloaded .iso file image on your system.
  5. Adjust the Persistent Storage slider. This enables you to save changes to the system and additional Sugar Activities onto the device.
  6. Select your flash drive as the target, and click the **Create Live USB** button.
  7. Wait for the process to finish, then close the Live USB Creator program.
  8. Stop your flash drive with the **Safely Remove Hardware and Eject Media** notification area icon dialog, and eject it.

     See a video of an earlier version of this process here.

Live CD Option

- **2. Burn a CD-ROM disc, boot from it, then run the script, *livecd-iso-to-disk***
  1. Use Windows 7 built-in Disk Image Burner or a free utility, like ImgBurn, to write the downloaded Sugar on a Stick .iso file onto a blank CD.
  2. Insert a USB flash drive (or SD Card) with 2 GB or more of free space into your computer.
  3. Boot your computer with the CD-ROM disc. You probably need to press F1, F10, F12, Esc, or a similar key as the computer starts up in order to set the boot source for your computer to the CD-ROM device.
  4. A successful boot will take you into *Sugar on a Stick*. You can From there, open the Terminal Activity,  , from the Home view.
  5. Click the 'Become root' icon,  , to gain administrative permissions in the Terminal session.
  6. Change the working directory to `/LiveOS/`
     ```
     cd /LiveOS/
     ```
  7. *Be certain of your USB/SD scsi drive node name (such as sda, sdb, etc.) and partition (such as 1, 2, etc.), yielding, for example,* `/dev/sdb1`.
     Use the `df -Th` command to confirm your devices before executing the following script.
  8. execute the Linux command line:
     ```
     ./livecd-iso-to-disk --reset-mbr --overlay-size-mb 300 --home-size-mb 175 --delete-home --unencrypted-home /dev/sr0 /dev/sd?1
     ```
  9. Shutdown the physical machine.
  10. Reboot from the newly-installed Live USB with Sugar on a Stick.

Virtual Machine Option

- **3. Launch a virtual machine, then run the script, *livecd-iso-to-disk***
  1. Download and install VirtualBox (for example; you could do something similar with another vm).
  2. Create a new virtual machine.
  3. Choose Linux for the Operating System and Version Fedora (64 bit) if available, or Fedora, on systems lacking 64-bit functionality.
  4. Attach the Sugar on a Stick .iso file as a CD in the Storage Section
  5. Insert a USB storage device into your physical computer and enable the VirtualBox USB controller. Then add a filter to recognize the inserted device in the USB section of the VirtualBox machine setup.
  6. Start the new virtual machine.
  7. Verify that the USB device is recognized in the running virtual machine.
     - Your device appears in the hover box for the USB stick icon in the virtual machine bottom frame.
     - `df -Th` reveals your device mounted mounted on a device node, for example, /dev/sda1, on a filesystem volume mount point, such as /media/<USBdeviceManufacturer>

     You should see something like the following: [show ▼]
  9. Continue from step #4 in the **Burn a CD-ROM disc** section above.
  10. Shutdown the virtual machine.
  11. Reboot your physical computer from the newly-installed Live USB with Sugar on a Stick.

Category: HowTo

Also An Easy Process for Linux Users

Follow the link for a list of more options and detailed instructions

GNU/Linux

1. **Prepare**: Use this script http://bit.ly/livecd-iso-to-disk to create a bootable image.
   (You may need to run `chmod +x tools_livecd-iso-to-disk.sh` after you download the script to make it executable.)
   You should have the isomd5sum package installed so that the script can verify the download.

2. **Download** the latest Sugar on a Stick .iso file. (older versions)

3. **Load**: Insert a USB stick of 2 GB or greater capacity. Execute, as the **root** user, in the directory where you downloaded the script, in one command with arguments, the following:

   ```
   ./tools_livecd-iso-to-disk.sh --reset-mbr --overlay-size-mb 500 --home-size-mb 900 --delete-home --unencrypted-home /path/to/source.iso /dev/sd?1
   ```

   where '**?**' in the final parameter represents the target bootable device node, such as `sdb1` or `sdc1`, etc. and /path/to/source is the location and name of the .iso file. You can use the `blkid` or `df` command to get the device node name.

4. **Boot**: Insert the USB stick into a USB port on your computer. Set the option to "boot from USB" in your computer's BIOS setup, and then start up the computer.

   - You may create more Sugar Sticks on extra USB or SD devices from within a running *Sugar on a Stick* by running this command in the Terminal activity as root (doesn't work with alternative installation methods):

     ```
     /LiveOS/livecd-iso-to-disk --reset-mbr --overlay-size-mb 300 --home-size-mb 175 --delete-home --unencrypted-home /dev/sr0 /dev/sd?1
     ```

Click Here

Detailed installation instructions for GNU/Linux and booting instructions are available. There is also a guide to exploring Sugar. GNU/Linux users may also want to install the Sugar packages on their favorite distro, apart from Sugar on a Stick.

Sugar on a Stick/Linux

< Sugar on a Stick

A sample of extensive instructions and options

- Sugar
  - Downloads
  - Get started
  - Find help
  - FAQs
  - Glossary
  - News
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  - Wish list
  - Activity pages
  - Submit bugs
  - Get the source
  - Human Interface Guidelines
- Projects
- Teams
- Local Labs
- Quick Links
- Using the Wiki
- Google translations

Introduction

This page provides additional detail for loading **Pineapple**, the most stable, released version of Sugar on a Stick (SoaS), available at this download site, onto a USB/SD flash storage device using GNU/Linux.

> To explore a variety of **experimental** options for putting a Sugar image on a USB or SD flash drive under GNU/Linux, see the following pages:
>
> SoaS test builds | OLPC XO-1 | openSUSE | Trisquel | VirtualBox | VMware | non-compressed Fedora | Live USB: (all known portable Sugar distributions)

If you have questions, trouble, or feedback, please let us know on the discussion page. If you can improve these instructions, please edit the page and do so!

- See this reference for more background details: fedora:How to create and use Live USB

Load SoaS onto a stick using Fedora or Ubuntu

This is known to work in Fedora and Ubuntu.

First, download a SoaS `.iso` image from http://spins.fedoraproject.org/soas/#downloads, then return here.

- Make sure you have the *syslinux* package installed on the operating system that you will use to prepare the Live USB image. It is recommended that you also have the *isomd5sum* package installed. The *cryptsetup* package is another option potentially used by the "livecd-iso-to-disk" installation script. (On Ubuntu, `sudo apt-get install syslinux isomd5sum cryptsetup` will install the packages. They are also available through the Synaptic Package Manager.)

  > (On Gentoo, one needs to uncomment 'SAMPLE FILE' in /etc/mtools/mtools.conf to make syslinux work.)

  - *syslinux* is needed to set up booting on the FAT file system of the USB disc or Live CD.
  - *isomd5sum* is needed for the recommended verification step, which checks that the .iso file is complete after its travels. If there is a problem with the .iso file, the script will exit and provide a failure message. The verification step can be bypassed by using the `--noverify` option.
  - *cryptsetup* is only needed for the option to provide password protection and encryption for the persistent /home/liveuser folder. It is not necessary if one applies the recommended `--unencrypted-home` option. The `--unencrypted-home` option is preferred because the reduced overhead improves robustness with the compressed *SquashFS* file system employed by the Live USB deployment.
- Plug in a 2 GB or larger USB stick into your computer.
- Mount the 'SoaS.iso' image to reach the onboard livecd-iso-to-disk installation script:

```
sudo mkdir /mnt/soas/
```

A Tricky Process for Mac Users!

Apple Mac OS X

DRAFT: These instructions are incomplete. Please help with testing and documentation. In the meantime, we recommend the **Virtual Machines instructions** below.

1. **Prepare**: These instructions are only for **64-bit** processor machines. (To identify the processor type, choose Apple menu > About This Mac. A small window will appear titled *About This Mac*. The processor type is displayed in this window. Sugar on a Stick is for the Intel processor only.)

2. **Download** the latest Sugar on a Stick .iso file. Be sure to download a **64-bit** image. (older versions)

3. **Load**: **? Help: Does someone have a simple way to load a Live USB on a Mac?**

   Here is a simple way to recognize a bootable USB on a Mac.
   Go to rEFIt (http://refit.sourceforge.net/) and make a bootable cd. There is no need to install rEFIt on your mac. In fact installing rEFIt may make it impossible to upgrade the Mac OS to a newer version later on (personal experience, I had to do a clean install). Put the rEFIt CD in and hold the option key after turning the computer on. The Mac will recognize the CD because it uses EFI and then the CD will recognize the bootable USB.

   * How to Burn a rEFIt CD

     You can rename the .cdr file to .iso for use in GNU/Linux.

   * Building and Booting a Live USB on a Mac

4. **Boot**: Insert the USB stick into a USB port on your computer. **Is this correct?**: During the startup sound, press and hold the **c** key. If the Apple logo appears, Sugar is not booting. Restart and try again.
   - the **c** key must be pressed during the startup sound and you must continue to hold it down.
   - you may release the **c** key once the Sugar logo appears.

- Have a MacBook? Consider these options:
  * **MacBook Persistent SoaS v5 USB EFI Boot**
  * Bootable F15 Gnome3 CD on MacBook Pro
  * Bootable DVD of F14 for MacBook Air
  * Bootable CD of Trisquel 4.5 for MacBook Air

  See other installation variations at Sugar Creation Kit *

  * **Burning a CD from an .iso file on a Mac**
- Have an iBook or PowerPC Mac?

  See Community/Distributions/Ubuntu/PPC. *

Be sure to explore all the options* to find the one that suits you and your Mac best!

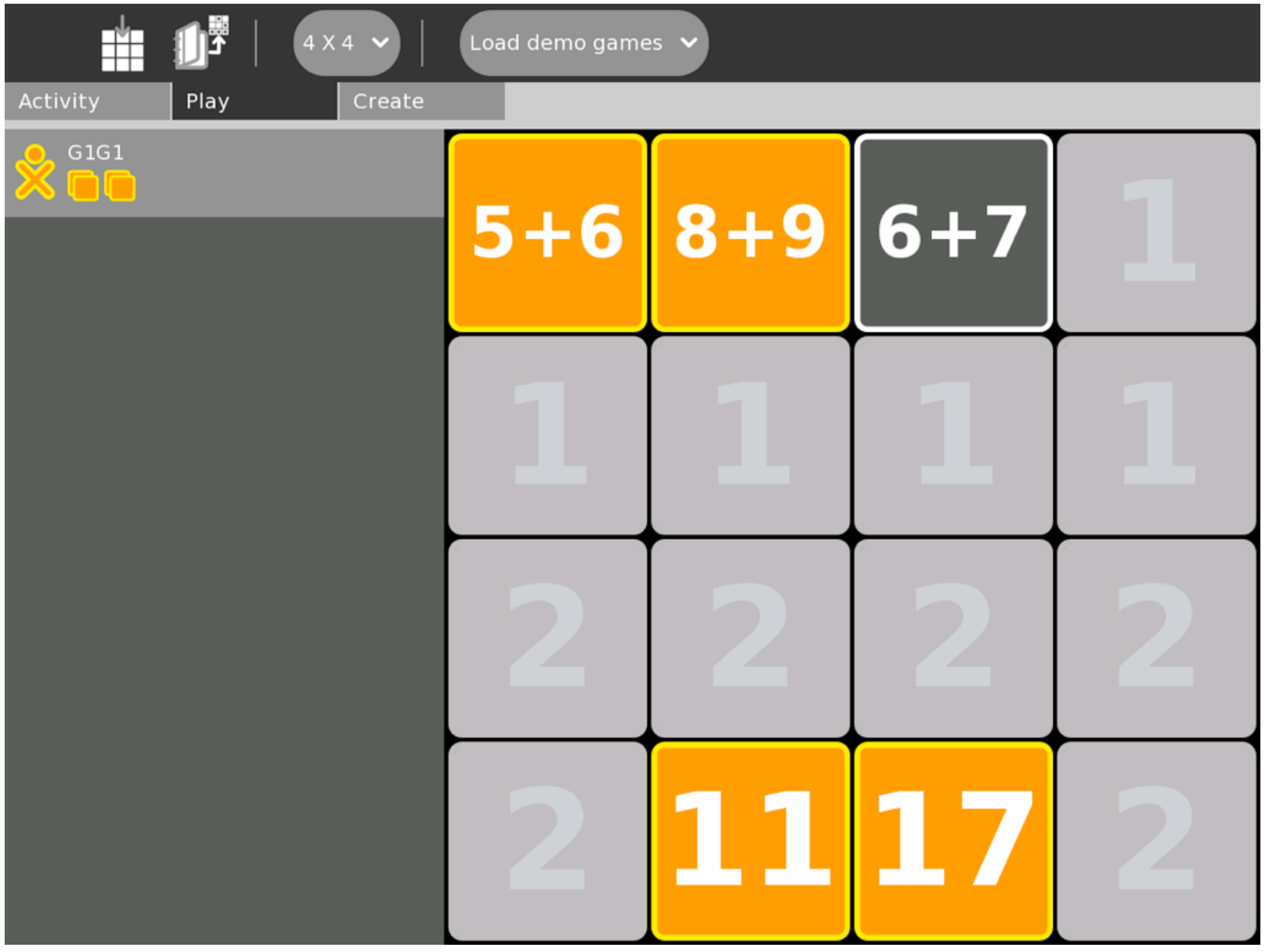
You may want to install SoaS as a virtual machine using Virtual Box, Parallels, or Fusion

* Alternative installation instructions for Mac OS X. Also, * these older installation instructions and booting instructions may be consulted.
There is also a guide to exploring Sugar.

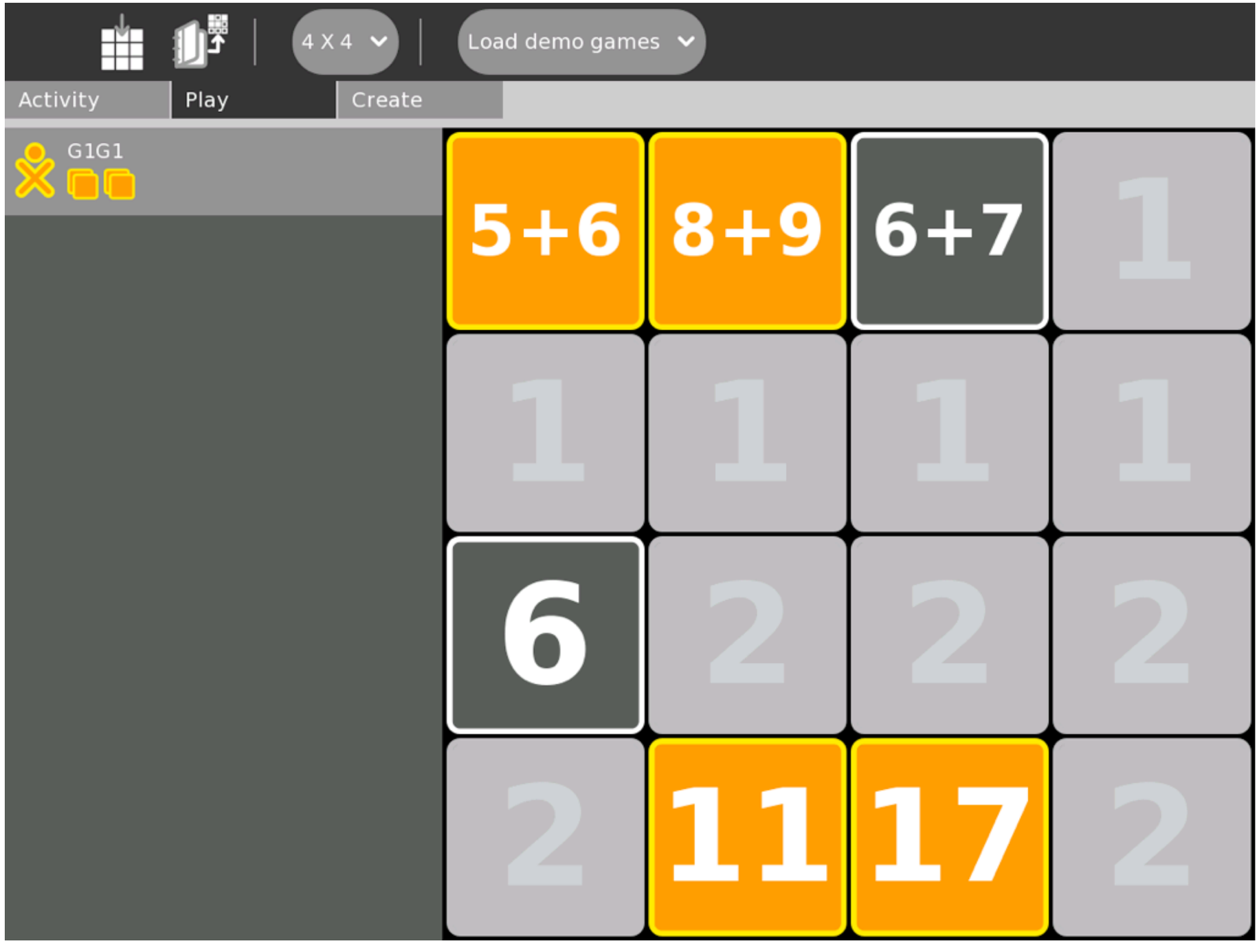
So, Sugar is running on my laptop... what now?

- Try Some of the Activities

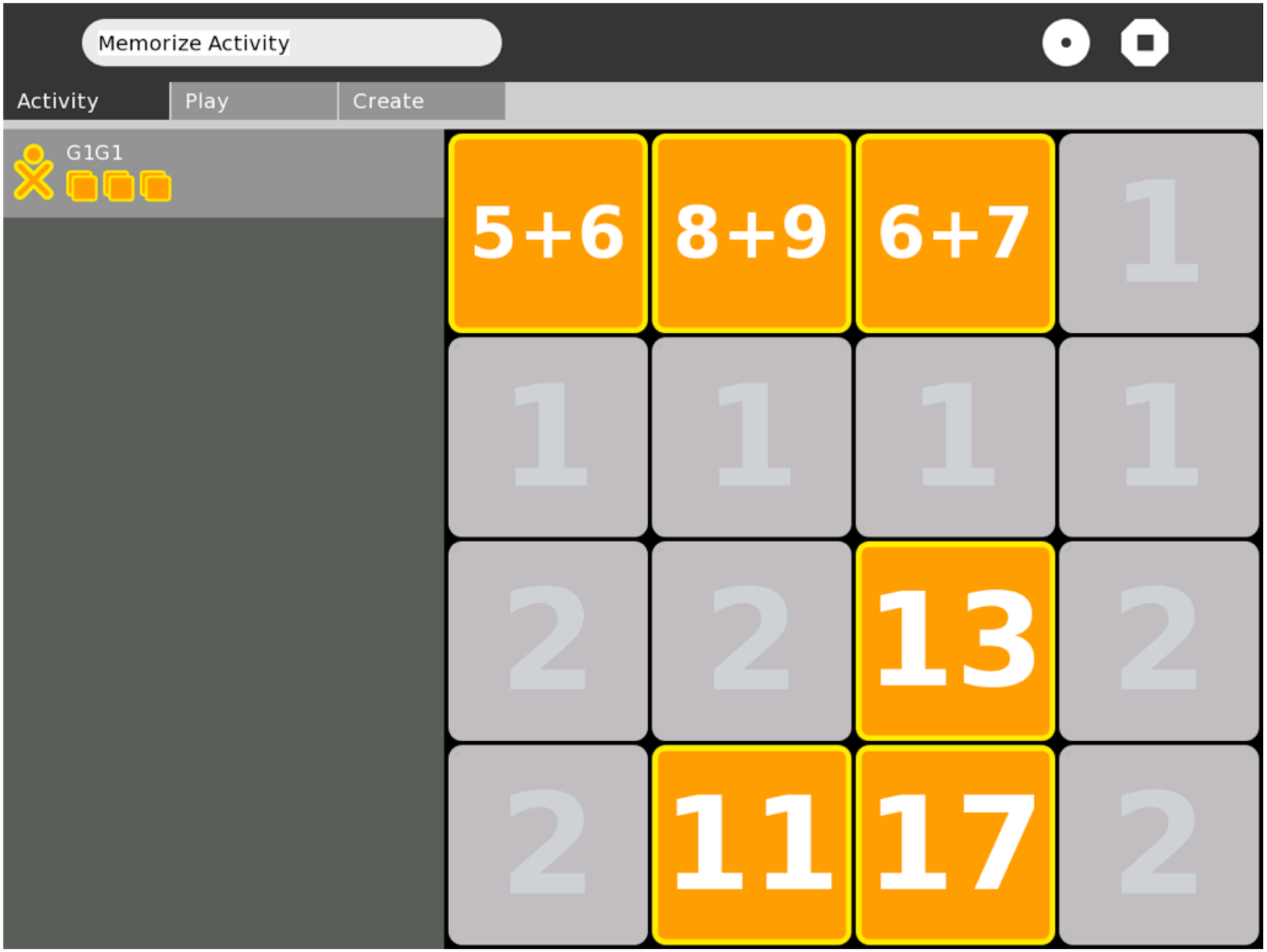
Memorize: a game for matching facts on any subject. Can use words, sounds, photos or drawings.



Incorrect answers in Memorize are shown in grey and disappear. Player needs to memorize the position.

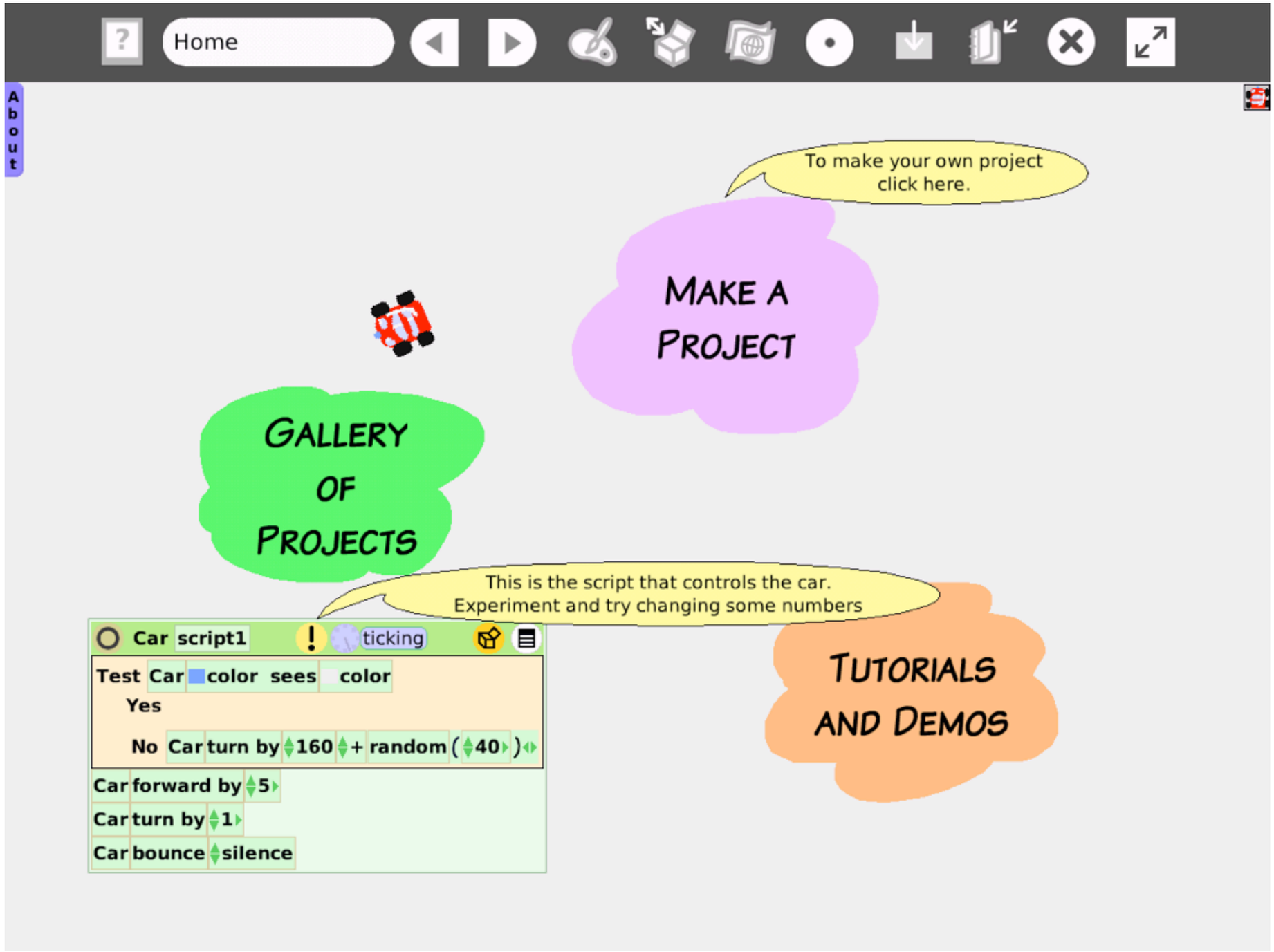


Correct answers in Memorize remain and are shown in the chosen colors of the player.

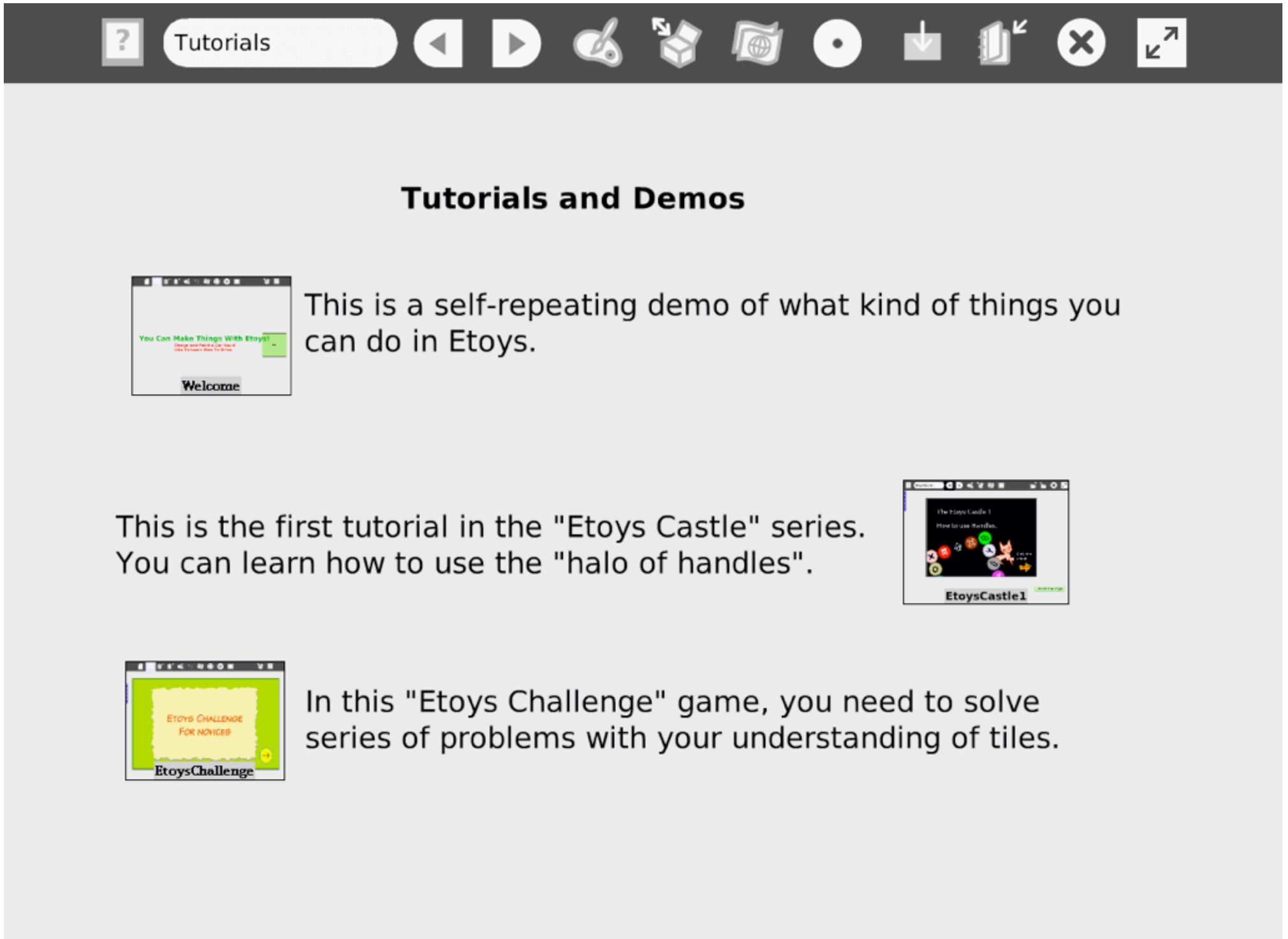


Create mode in Memorize allows a player (or teacher) to create games on any subject.

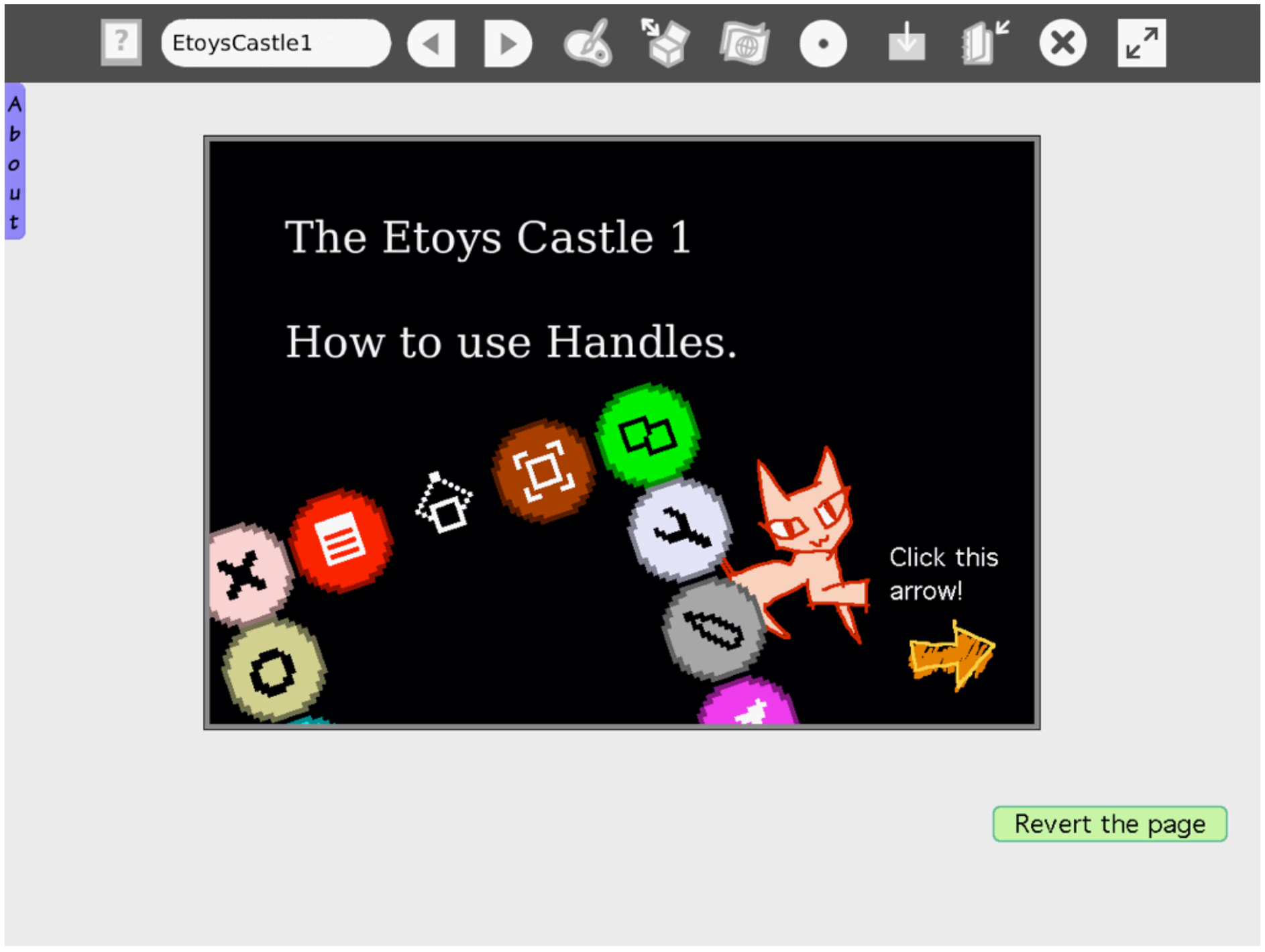
Etoys: a powerful Activity that goes from very simple programming to sophisticated projects.



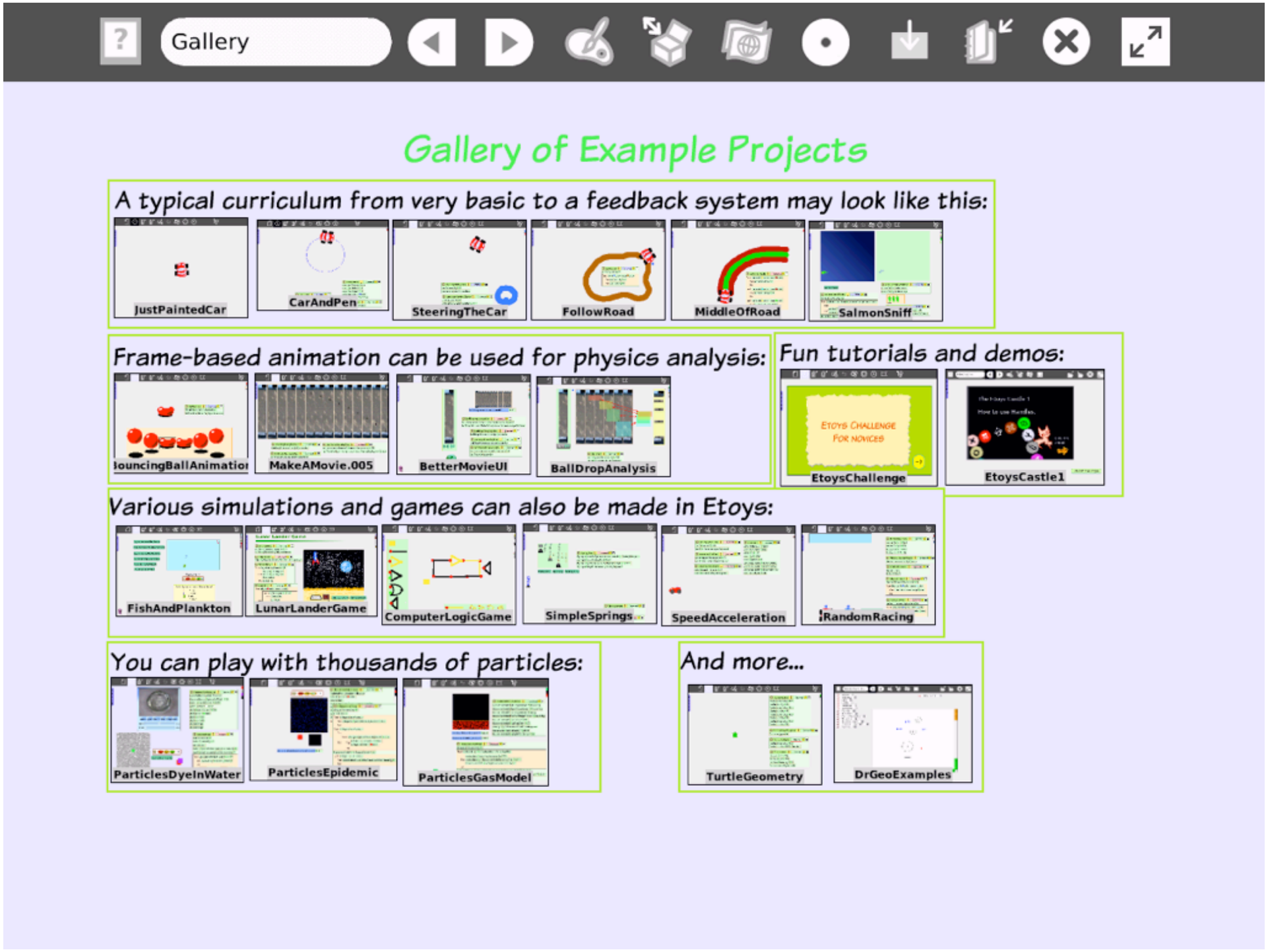
Etoys tutorials and demos will help you get started



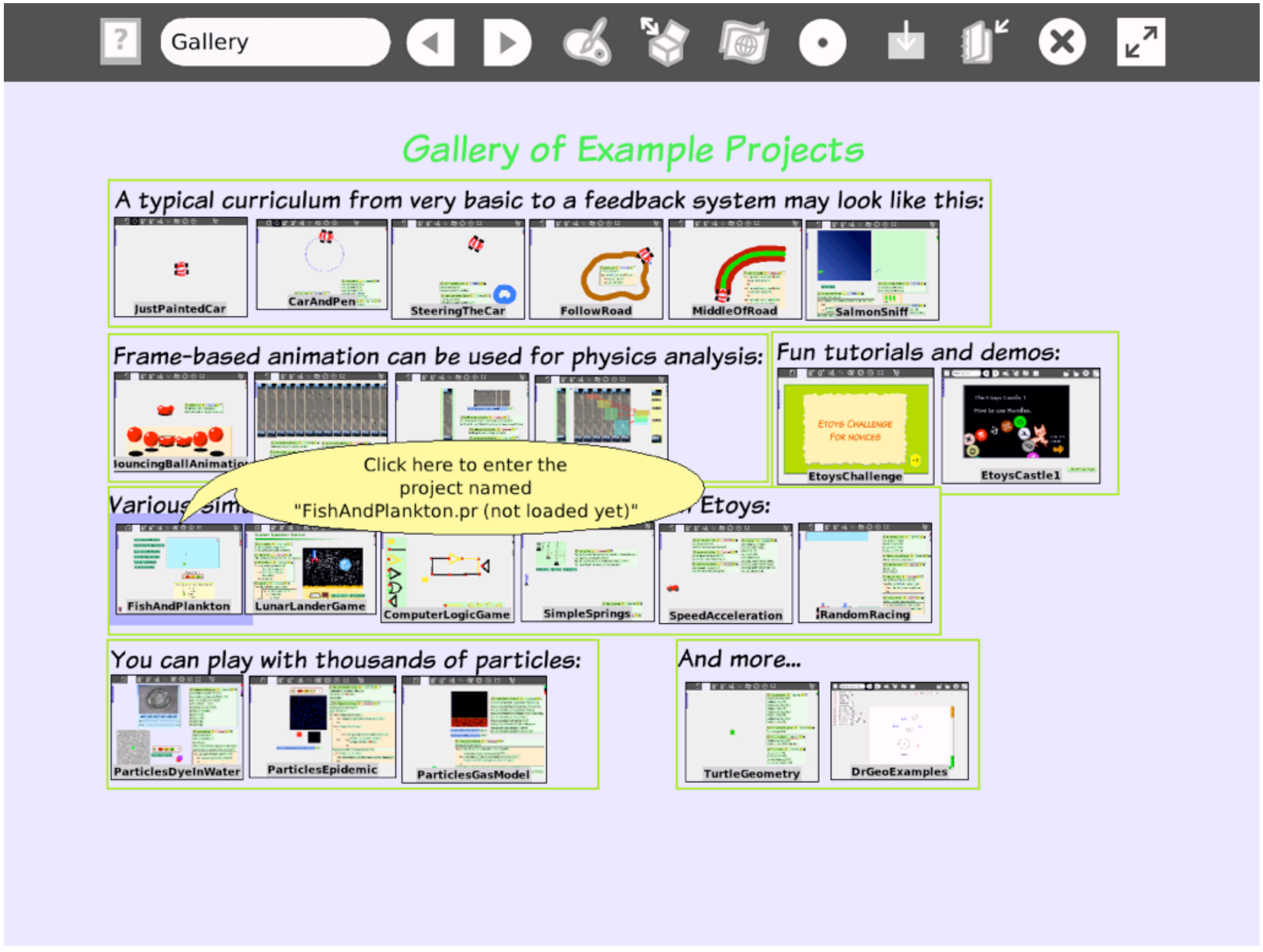
Etoys tutorials help you learn how things work



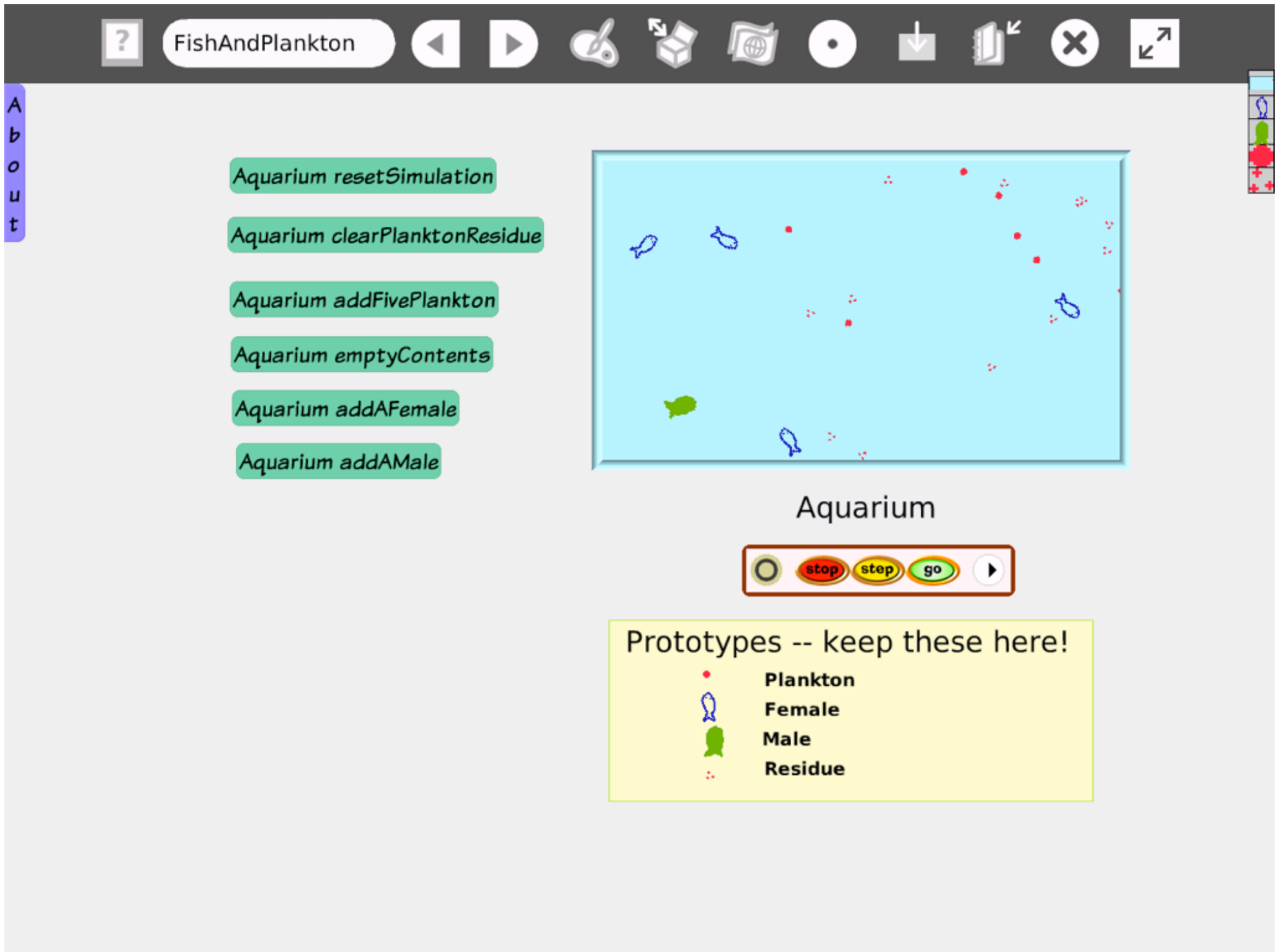
The Gallery of Example Projects shows a wide range of sophisticated projects created in Etoys.



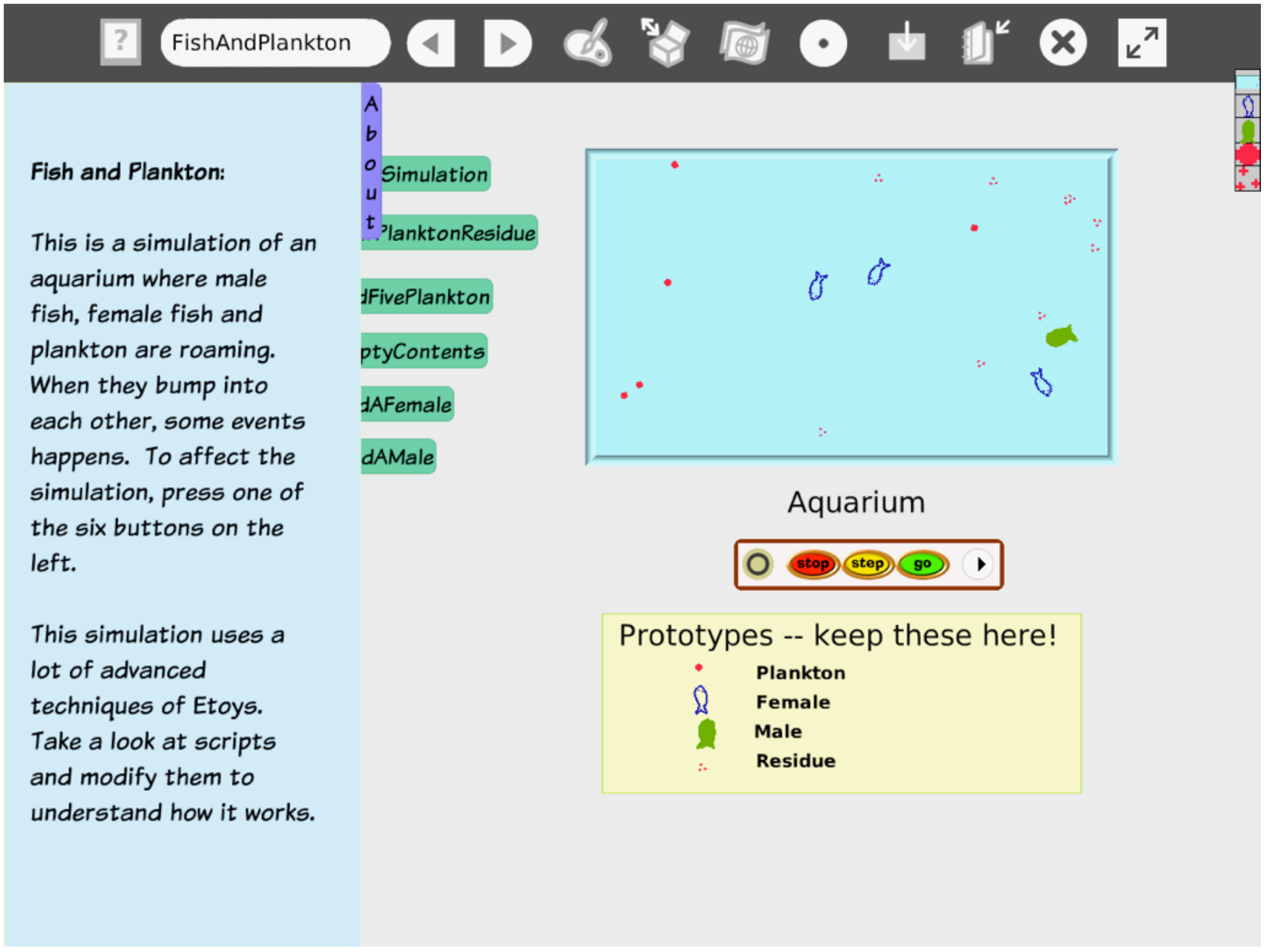
Helpful hints appear in text balloons to guide you through Etoys.



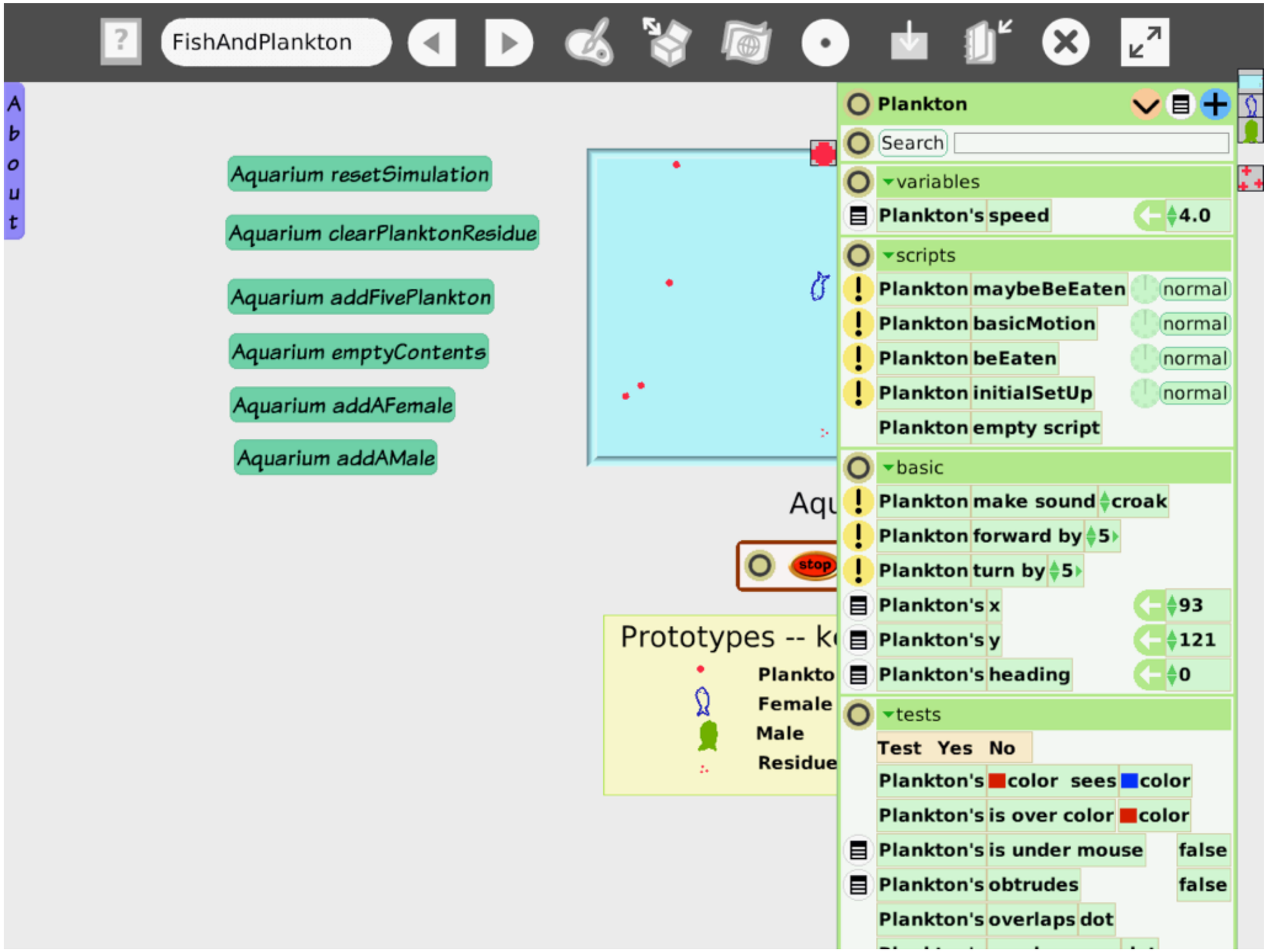
You can open sample Etoys projects and run them.



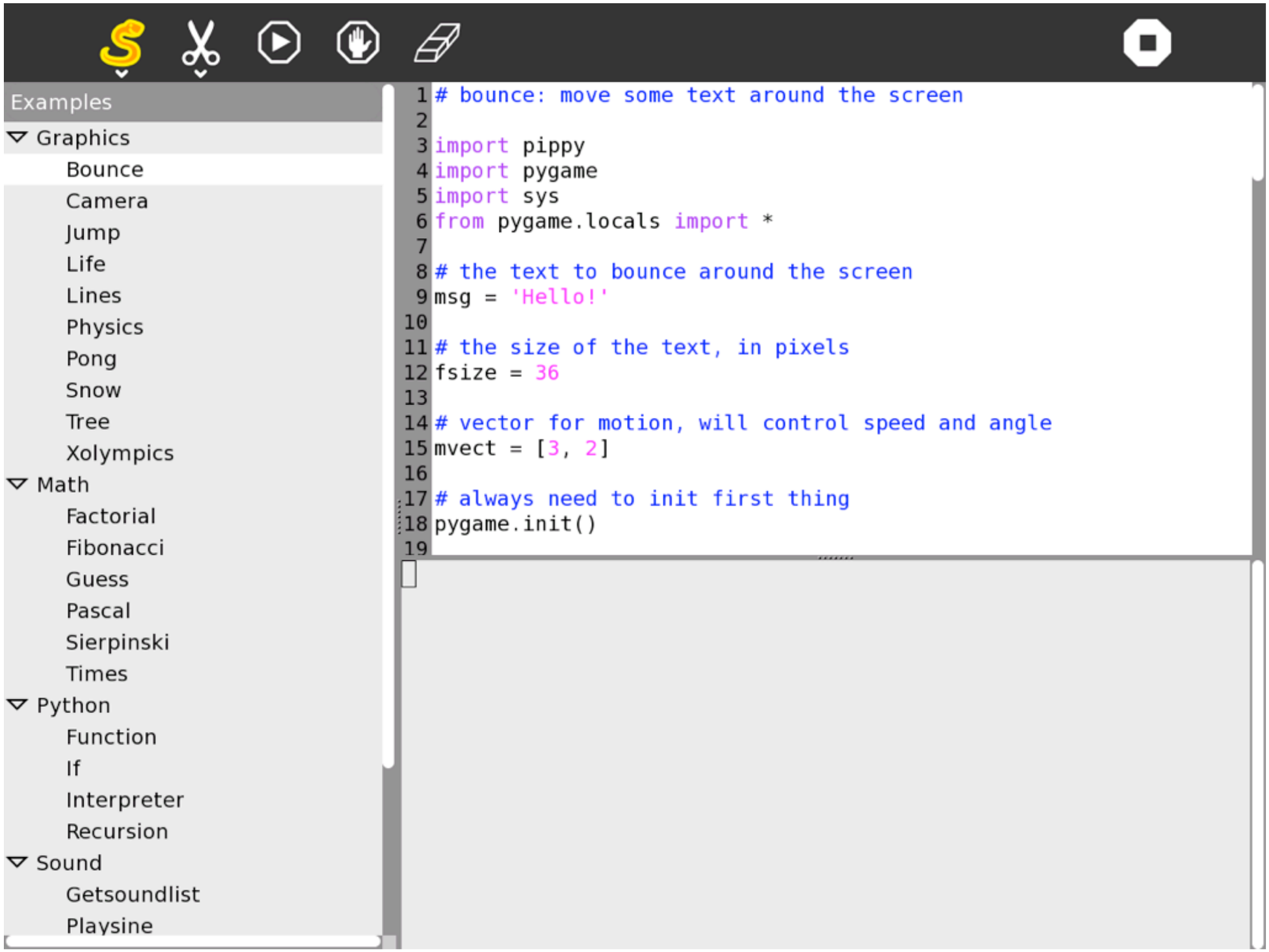
Projects can include a text box that opens on the side



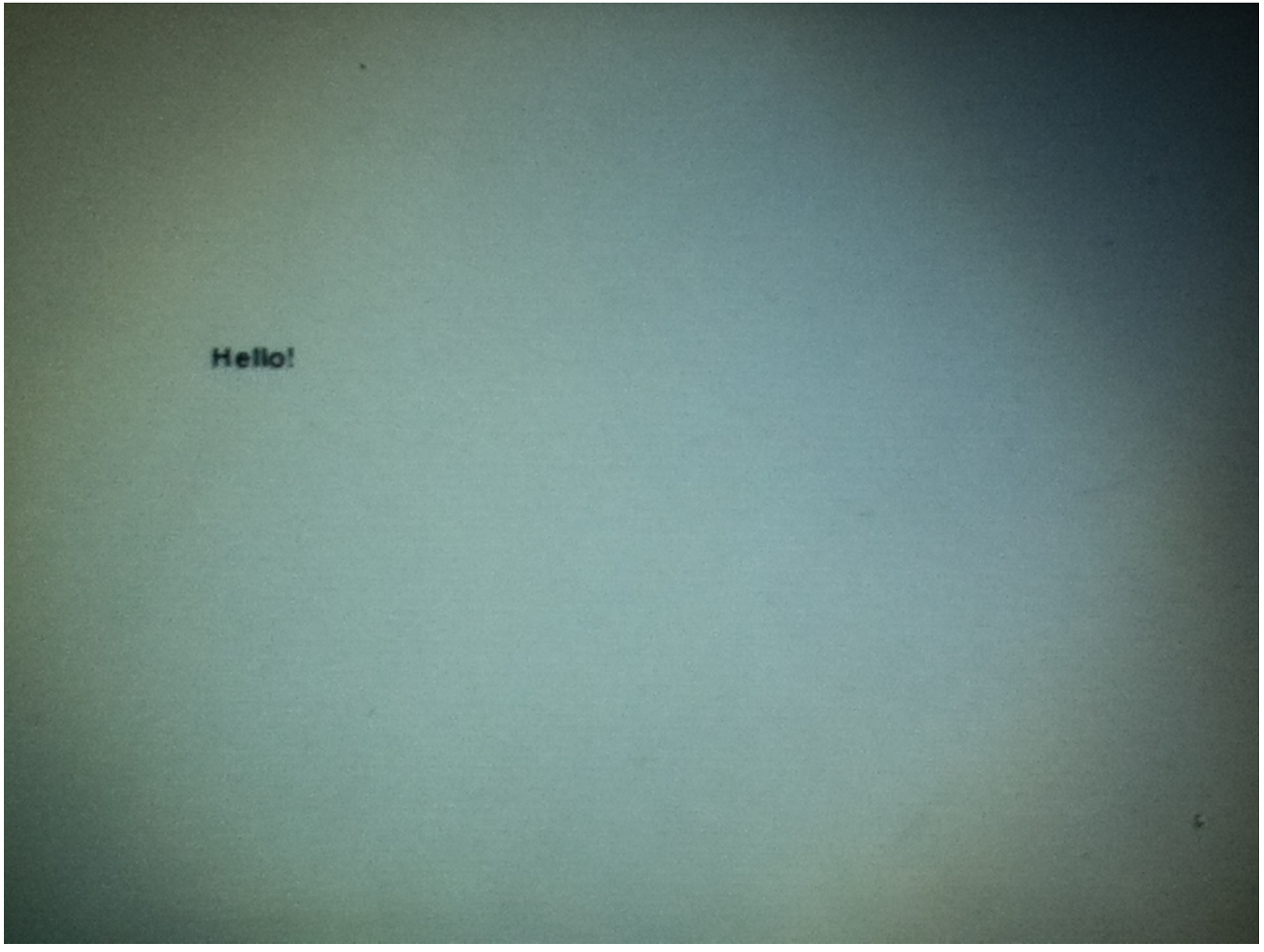
Etoys also allows you to view and modify the scripts



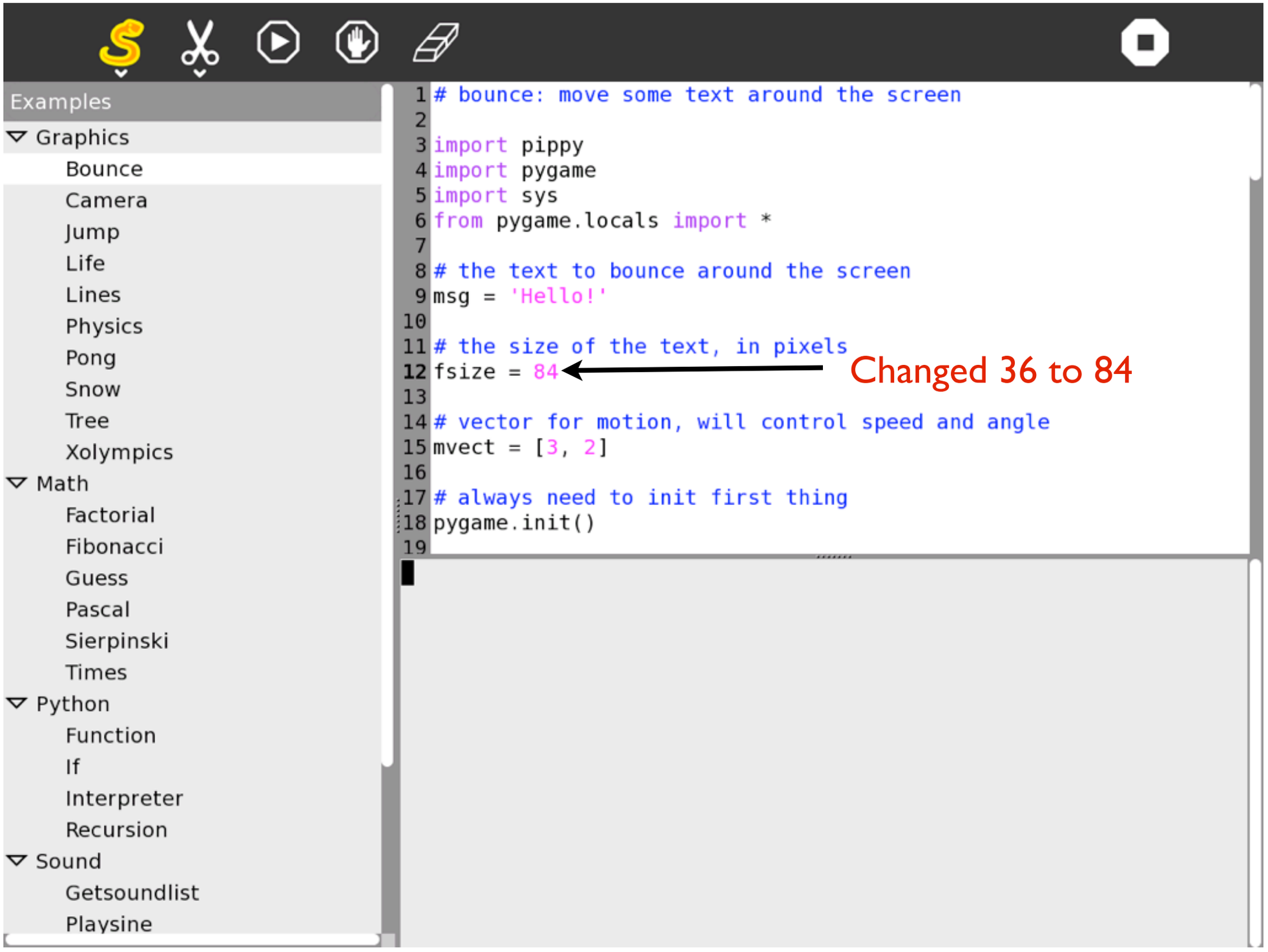
Pippy is a baby version of Python designed for learners



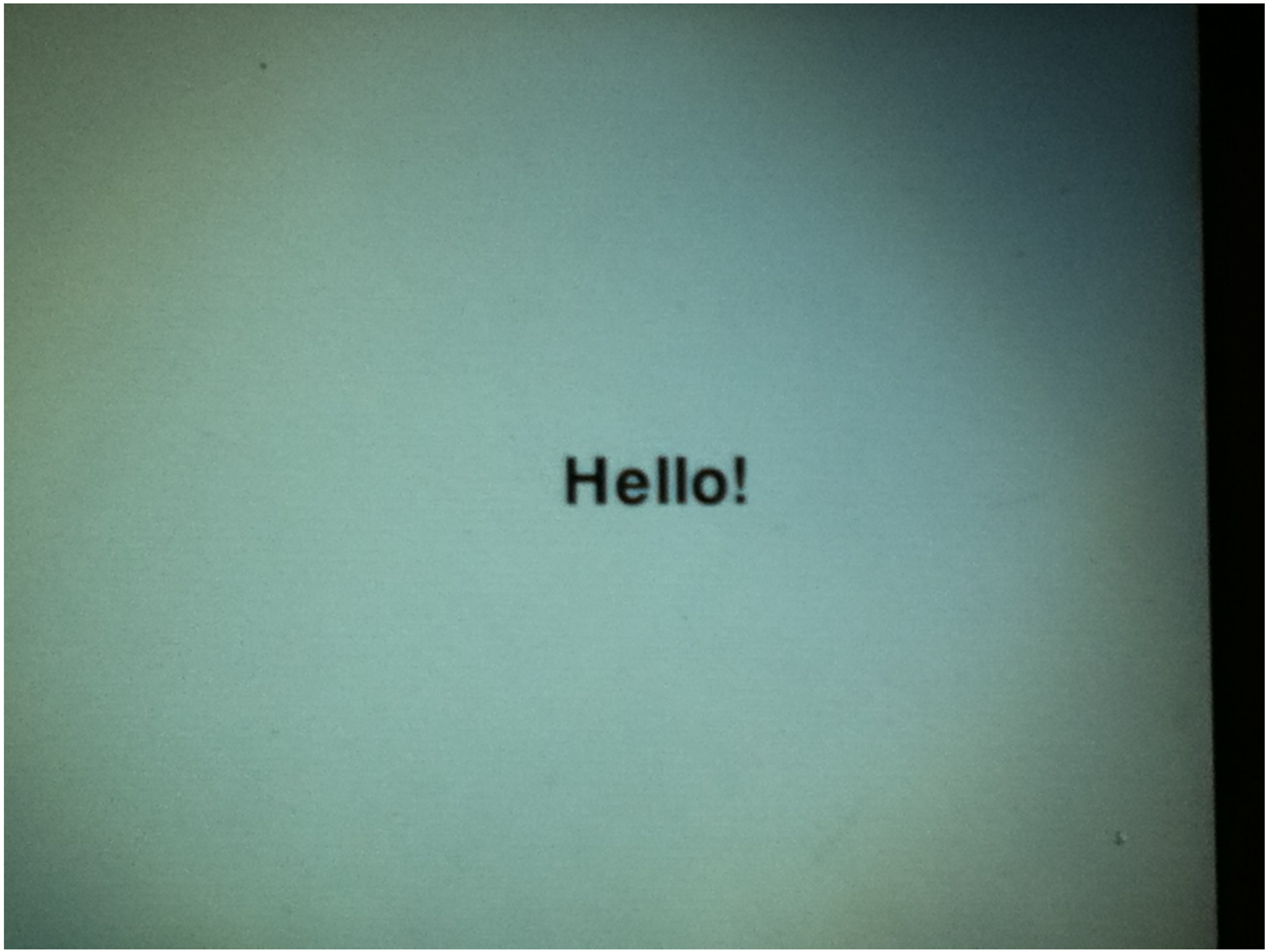
Run the Pippy program to see what the code does



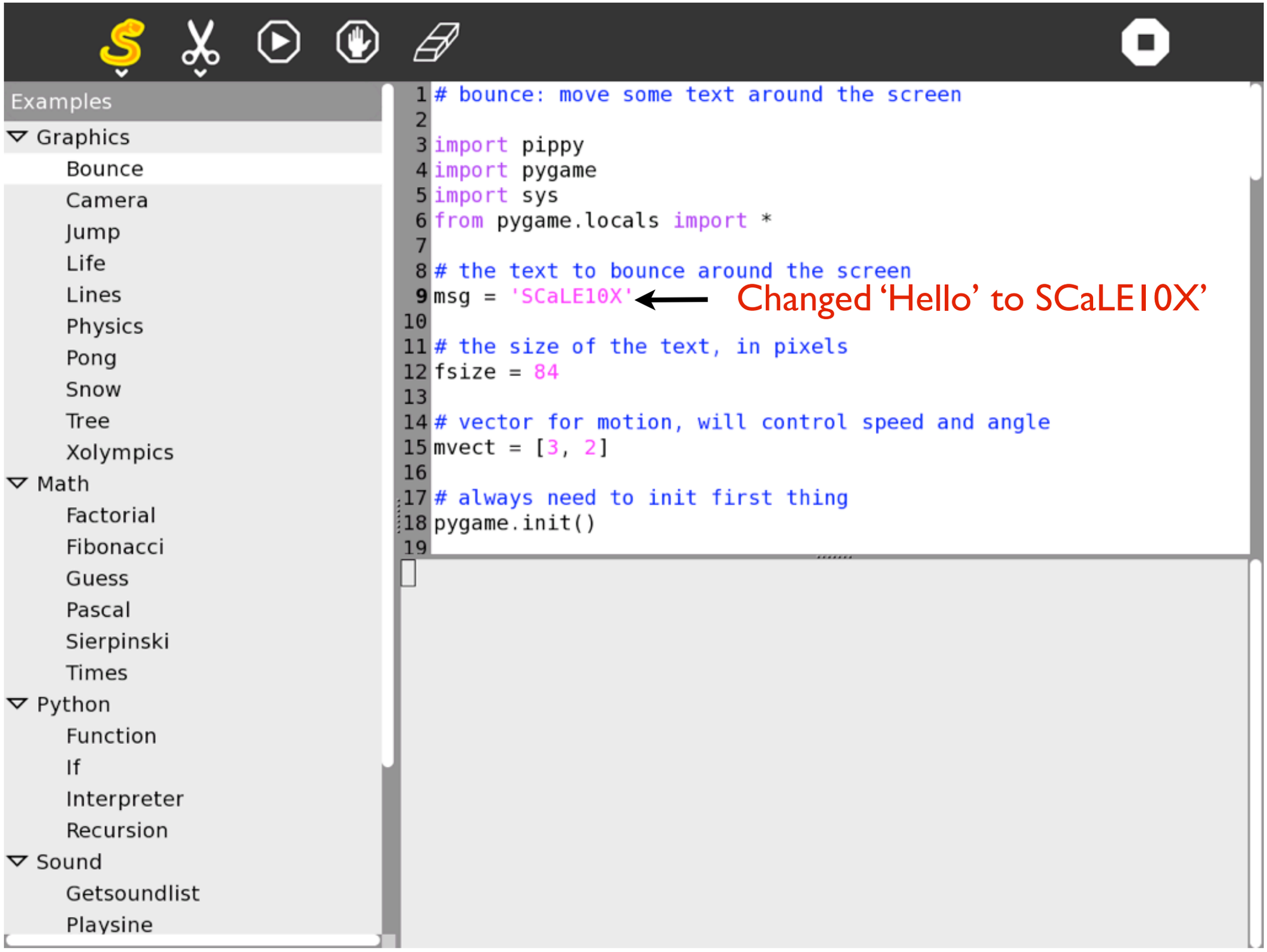
Experiment with code changes in Pippy



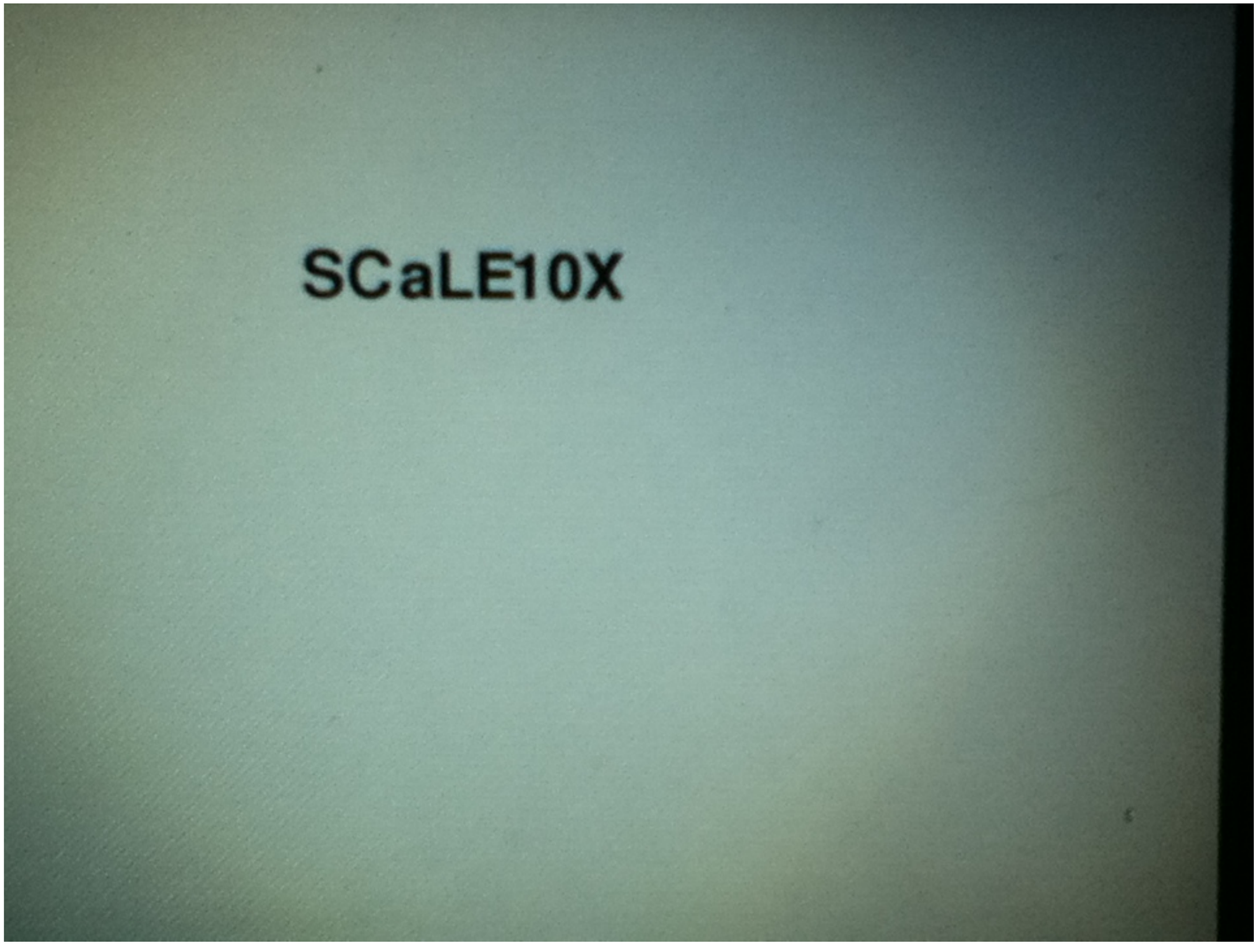
Run to see the effect of the change



Try changing the text that will bounce



Run the new version to see what happens



So, Sugar is running on my laptop... what now?

- Try Some of the Activities
- Find out more about the Activities

Activities for Sugar

http://activities.sugarlabs.org//en-US/sugar/

sugar labs activities all

Apple – One to One | Twitter / Home | Hotmail | Facebook | Citibank Logon | Yahoo! | Apple | Google Maps | Wikipedia | News (618) | Popular

Home Wiki *Activities* **Donate**

Go to the Sugar Labs Activities collection

Register or Log in

sugarlabs

6,638,094 activities downloaded

search for activities within all activities

Advanced

Categories

Search & Discovery	73
Documents	37
News	6
Chat, mail and talk	8
Media creation	42
Programming	33
Maths & Science	121
Maps & Geography	11
Media players	14
Games	118
Teacher tools	179
Collections	

Browse Activities

Recommended | Popular | Just Added | Updated

I know America

by AlanJAS

Download Now

recommended

Game about the America geography. It has 30 maps of each coutry and 3 generals.

★★★★★ 1 review

708 weekly downloads

TamTam Mini

by Activity Team, jasg

Download Now

recommended

Music composition and synthesis

Collections

Collections are a way for you to categorize, mix, match and mingle activities. Subscribe to collections created by other users or create your own.

Popular Collections

GCompris by alsroot

So, Sugar is running on my laptop... what now?

- Try Some of the Activities
- Find out more about the Activities
- Get help from and share with other Sugar users

lists.laptop.org Mailing Lists

Start with a mailing list that interests you

Welcome!

Below is a listing of all the public mailing lists on lists.laptop.org. Click on a list name to get more information about the list, or to subscribe, unsubscribe, and change the preferences on your subscription. To visit the general information page for an unadvertised list, open a URL similar to this one, but with a '/' and the list name appended.

List administrators, you can visit the list admin overview page to find the management interface for your list.

If you are having trouble using the lists, please contact mailman@lists.laptop.org.

List	Description
accessibility	Discussion of accessibility on the OLPC
Activation	*[no description available]*
Activation-status	*[no description available]*
Activities	*[no description available]*
Afghanistan	Discussions of OLPC in Afghanistan
Aop	Policy discussion mailing list
Argentina	OLPC in Argentina
Argentinainterns2010	*[no description available]*
Bookreader	Bookreader development and usability
Brasil	OLPC in Brasil
Bugs	OLPC bugtracker mail
Cambridge-social	*[no description available]*
Code-review	*[no description available]*
Colingoxo	An unused list for Colingo discussion
Colombia	Amigos de OLPC en Colombia.
Commits	Announcement of OLPC software commits as they happen.
Community	Discussion of community outreach related to OLPC
Community-news	Updates about OLPC
community-support	OLPC Community Support
corps	*[no description available]*
Design	Private design list
Devel	Software development mailing list

So, Sugar is running on my laptop... what now?

- Try Some of the Activities
- Find out more about the Activities
- Get help from and share with other Sugar users
- Learn about Participating

Participate – OLPC

wiki.laptop.org/go/Participate

translate

Log in / create account login with openid

page | discussion | view source | history

help support olpc

Participate

Explore ways to get involved

Google *translations*: Afrikaans العربية Azərbaycan Bahasa Indonesia Bahasa Melayu Беларуская Български Català Česky Cymraeg Dansk Deutsch Eesti Ελληνικά English Español Euskara فارسی Français Gaeilge Galego ગુજરાતી 한국어 עברית हिन्दी ქართული Hrvatski Íslenska Italiano ಕನ್ನಡ Kiswahili Kreyòl ayisyen Latina Latviešu Lietuvių Magyar Македонски Malti Nederlands 日本語 Norsk (bokmål) Polski Português Română Русский Shqip Slovenčina Slovenščina Српски / Srpski Suomi Svenska ไทย Tagalog தமிழ் Tiếng Việt Türkçe Українська اردو 中文(中国大陆) 中文(台灣)

english | français | español | italiano | 한국어

HowTo [ID# 257462] +/−

Find out more about OLPC

There are plenty of ways to find out more about the One Laptop per Child project. Here are a few of the communication channels:

- Read up and discuss OLPC on a mailing list
- Find out about what's going on in your region
- Chat about OLPC in IRC Chat
- Discover more about OLPC here on the wiki

Donate

- Simply give one or more laptops to be sent directly to children in developing countries

You can also donate to the project

- **Donate your time**, apply for the Contributors program.
- **Redonate your XO** see where to send your XO to a kids program Donate_Your_Get_One

Get involved locally

The first place you should look to get involved with OLPC is in **your** community. Chances are that there is someone else nearby that is also interested.

- Get involved in, or start, a regional group
- Help out at a nearby Pilot... or start one!
- Create a Community Repair Center
- Put yourself on the World Map of XO's

Translate

The XO Laptop is deployed to children in many languages; we ♥ people who can help us translate in many ways. You can:

- Join the Localization mailing list
- Help translate this wiki
- Help translate some of our content
- Help translate our software

Content

Help us provide free and open content for children along with their XO's.

- Create electronic textbooks
- Help format and edit our wiki

Testing

New releases of software builds, activities and collections are always in need of testing. You can help by downloading, installing and giving us feedback.

- Join the Testing mailing list

one laptop per child

Search

Google Custom Search

Wiki search

About OLPC

- Main Page
- Recent changes
- Blog and Planet
- Contact us
- Email lists and IRC
- Ways to participate
- Laptop.org
- Countries

About the XO

- Help using the XO
- Support for the XO
- Repairing an XO

Projects

- for Educators
- for Developers
- Software, LiveCDs
- Hardware, Periphs
- Activities, Content
- Testing
- Deployment guide
- School server

OLPC wiki

- Glossary
- Random page
- Help using the wiki

So, Sugar is running on my laptop... what now?

- Try Some of the Activities
- Find out more about the Activities
- Get help from and share with other Sugar users
- Learn about Participating
- Apply for an XO via the Contributors Program

Apply for XOs for a small project

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Contributors program – OLPC

Contributors program – OLPC

wiki.laptop.org/go/Contributors_Program

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page discussion edit history

help support olpc

Contributors program

(Redirected from Contributors Program)

This page is monitored by the OLPC team.

For Developers: activities · trac · cgit · build index · repository · firmware · **Fedora:** packages · **Sugar Labs:** activities · almanac · api · bugs · gitorious · download · people · wiki

english | español | français | 日本語 | 한글 | 正體中文

HowTo [ID# 264086] +/−

START A PROJECT THAT WILL CHANGE KIDS' LIVES WORLDWIDE!

START A PROJECT THAT WILL CHANGE KIDS' LIVES WORLDWIDE!

contribute

one laptop per child

Search

Wiki search

About OLPC
- Main Page
- Recent changes
- Blog and Planet
- Contact us
- Email lists and IRC
- Ways to participate
- Laptop.org
- Countries

About the XO
- Help using the XO
- Support for the XO
- Repairing an XO

Projects
- for Educators
- for Developers
- Software, LiveCDs
- Hardware, Periphs
- Activities, Content
- Testing
- Deployment guide
- School server

OLPC wiki
- Glossary
- Random page
- Help using the wiki

Toolbox
- What links here
- Related changes
- Special pages

Contents [hide]

[edit] Our Contributors Program

OLPC's **Contributors Program** cultivates grassroots efforts and mentoring enhancing the XO Laptop as an exceptional learning platform through engineering, environmental and education Projects—that open new opportunities to children the world over. Everyone is encouraged to contribute: students, technologists, educators, social workers, environmentalists, research scientists and doctors—all the way to NGO's, companies, churches and governments. *Like a Science Fair, great ideas can come from anyone, limited only by your imagination.*

We encourage you to borrow free XO laptops if you or your group demonstrate committed volunteerism and ongoing support of our mission and principles.

So, Sugar is running on my laptop... what now?

- Try Some of the Activities
- Find out more about the Activities
- Get help from and share with other Sugar users
- Learn about Participating
- Apply for an XO via the Contributors Program
- Keep up to date on OLPC and Sugar Labs news

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OLPC

wiki.laptop.org/go/The_OLPC_Wiki

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help support olpc

The OLPC Wiki

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Search

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About OLPC
- Main Page
- Recent changes
- Blog and Planet
- Contact us
- Email lists and IRC
- Ways to participate
- Laptop.org
- Countries

About the XO
- Help using the XO
- Support for the XO
- Repairing an XO

Projects
- for Educators
- for Developers
- Software, LiveCDs
- Hardware, Periphs
- Activities, Content
- Testing
- Deployment guide
- School server

OLPC wiki
- Glossary
- Random page
- Help using the wiki

The One Laptop per Child non-profit develops a low-cost laptop—the "XO Laptop"—to revolutionize how we educate the world's children. Our mission is to provide educational opportunities for the world's most isolated and poorest children by giving each child a rugged, low-cost, low-power, connected laptop; and software tools and content designed for collaborative, joyful, self-empowered learning.

As of March 2011, we have produced XO laptops for roughly 2 million children around the world, the majority of them in Uruguay, Peru, Rwanda, Haiti, Mongolia and the United States. These laptops all run Sugar and Fedora Linux, and have customized software and content builds developed by their national deployment teams in collaboration with OLPC staff. We maintain a regular update of deployment information.

Software		
XO-1		
Stable:	11.3.0	2011-11-01
Unstable:	11.3.1	upcoming
Firmware:	Q2E48	2011-10-13
XO-1.5		
Stable:	11.3.0	2011-11-01
Unstable:	11.3.1	upcoming
Firmware:	Q3B22	2011-10-24
XO-1.75		
Unstable:	11.3.1	upcoming
Firmware:	Q3B22	2011-10-24
Server		
Stable:	xs-0.6 (notes)	2009-10-07

Quote of the Day

"This is not just a matter of giving a laptop to each child, as if bestowing on them some magical charm. The magic lies within -- within each child, within each scientist, scholar, or just plain citizen in the making. This initiative is meant to bring it forth into the light of day."

—Kofi Annan

Current projects

Contributors program: We are currently offering free XO-1.5's to developers and content creators who are working on projects that will benefit deployments worldwide. To apply for this program, submit a description of the work you are planning along with your contact information.

Read more about our deployments, the latest sugar release and the new XO 1.5 laptop, or other projects. Follow our news and submit new stories. To suggest your own project, or get free XO hardware to work with, submit a project proposal directly.

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One Laptop per Child Official Blog

One Laptop per Child Official Blog

blog.laptop.org

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Read the OLPC blog

One Laptop per Child

Rodrigo visits Colombia; Physics in Sudan

January 19, 2012 at 11:50 am · Filed under Children, Education and Content, OLPC, Sugar
by sj

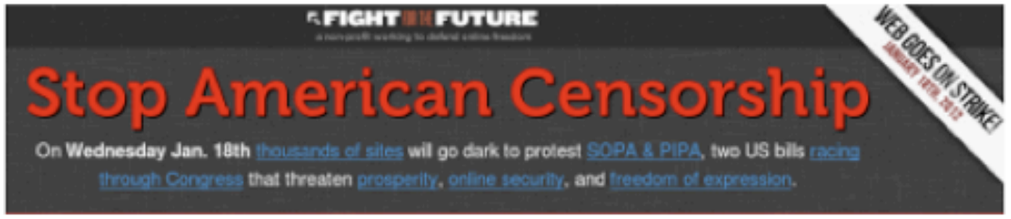
Sandra Barragán posted a photoset from Rodrigo's visit to Colombia yesterday.

And the Fargo team develops some game-like projects around Physics and Etoys.

Permalink Comments

Protecting Internet freedom

January 18, 2012 at 12:01 am · Filed under Children, Community, Education and Content
by sj



Thousands of web sites across the Internet are shutting down today to protest proposed U.S. laws (SOPA and PIPA) that would make it difficult for websites to host community-generated content on the Internet.

Please take a moment to learn more about the bills and why they would be harmful to the open Web, to open education, and to present and future collaborative projects.

The Electronic Frontier Foundation and other non-profit organizations dedicated to preserving freedom on the Web have ways that you can

Welcome to the OLPC blog! »
Please leave comments here, or send us an email.

One Laptop per Child
OLPC

NixiePixel Quite possibly the most touching product at CES this year. Thanks @OLPC and #Linux ♥ youtu.be/DUkug3zX66w
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OLPC Three cheers for participatory democracy: boingboing.net/2012/01/19/how...
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www.flickr.com/photos/olpc

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One Laptop per Child's photostream pro

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OLPC San Francisco...

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33 views

August Town Repair Center,...

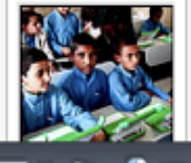
19 photos

204 views

August Town, Jamaica

34 photos

233 views



Afghanistan_JeremySimkin

3 photos

Read the "unofficial" OLPC News

One Laptop Per Child News

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OLPC//NEWS

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Great Video of Haiti's Solar Installation For Powering 500 XOs

18 JAN 2012

Resumen en español al final del artículo

Last August we ran a piece about a large solar installation which a team from Illinois Institute of Technology (IIT) in Chicago, Green WiFi, and Haiti's National OLPC Coordinator had setup at EFACAP school in Lascahobas, Haiti. With the system having been designed and built to power 500 XO laptops it was - and very likely still is - the world's largest single-school solar laptop charging deployment.

Recently I spoke with Laura Hosman, one of the project's leads and an assistant professor at IIT, about another very interesting power-related project her students have been working on. In the process she also mentioned the following 12 minute video which provides a great overview of their project in Lascahobas and is well worth watching:

OLPC//FEATURE

OLPC in South America

A detailed first-person account of OLPC deployments in Uruguay, Paraguay, and Peru by OLPC News co-Editor Christoph Derndorfer

Add your comments today!

TAG CLOUD

$100 Laptop Classmate PC G1G1 Intel Mary Lou Jepsen Microsoft Nicholas Negroponte

DISCUSSIONS

Re: is DebXO dead?

We have had few inquiries in Nepal from groups interested in using solar energy to power XO up i ...

Comment on World's largest single-school XO laptop solar power

Useful Links

http://wiki.laptop.org/go/The_OLPC_Wiki
http://wiki.sugarlabs.org
http://wiki.laptop.org/go/Participate
http://wiki.laptop.org/go/Contributors_Program
http://blog.laptop.org/
http://wiki.sugarlabs.org/go/Sugar_on_a_Stick
http://lists.laptop.org/listinfo/
http://www.flickr.com/photos/olpc
http://www.olpcnews.com/

End Notes

- In the live presentation, time was spent looking at some of the Activities in Sugar running in Parallels on a MacBookPro. The Memorize, Etoys, and Pippy Activities were all shown actually working, not as simple screenshots. Parallels allows seamless shifting back and forth between Sugar and OSX without rebooting.
- All of the web pages shown were explored live during the presentation.