

In case any Challenge participants would like to have a portable setup with NetLogo, Python, and Java (e.g. so they can use those tools without needing IT clearance to install them on school machines), Nick has uploaded a minimal version of the flash drive setup from the kickoff. It's available for download from <http://www.g-r-c.com/scc/2014-15/kickoff/usb/minimal-portable-apps.zip>. (Note: The zip file size is 839MB.)

This setup includes the following:

- PortableApps platform 12.2;
- NetLogo 5.2.1;
- WinPython distribution of Python 3.4.3, including the IDLE and Spyder IDEs, as well as the NumPy, SymPy, SimPy, and matplotlib libraries;
- DrJava 20140826-r5761 (lightweight Java IDE);
- XaoS 3.5 (fractal viewer);
- Java Development Kit 8 update 60 (used by NetLogo and DrJava);
- E-books, papers, lesson materials, and download links from the kickoff flash drive.

Apart from the open source PortableApps platform itself, none of the programs included in the zip file have standard PortableApps-compatible versions available for download from portableapps.com. Nick has created custom configurations of these programs for use with PortableApps, and he'll update those configurations (and re-upload the zip file) as new versions become available, and as time permits.

To use the zip file, extract the contents (preserving directory structure) and copy them to the root directory of a USB flash drive. Launch the PortableApps system by running `start.exe` in the flash drive root; the programs listed above will then be available in the PortableApps menu. (The size of the extracted contents is 1.8GB; he recommends using a flash drive 4GB or larger. A USB 3.0 flash drive connected to a USB 3.0 port is recommended, though the programs will run - albeit more slowly - from a USB 2.0 flash drive, or a USB 3.0 drive connected to a USB 2.0 port.)

To make the download smaller, the additional programs that were on the kickoff flash drive (e.g. LibreOffice, Foxit PDF Reader, ClamWin, KiTTY, GIMP) are not included. Most of those programs can be downloaded and installed on a PortableApps drive from <http://portableapps.com/apps>; these programs can be updated directly in the PortableApps interface. The portable version of R can be downloaded and installed into PortableApps from <http://sourceforge.net/projects/rportable/files/R-Portable/>; however, it's not configured for direct updating through the PortableApps system.