Raspberry Pi Foundation research seminar Adding a teaspoon of computing to history and mathematics classes Mark Guzdial (University of Michigan)

Links shared in the Zoom chat

Links shared by Mark

The three Teaspoon languages discussed in the presentation:

Please note these are all currently prototypes

- DV4L (for history)
 - o DV4L: http://historyindata.org/dv4l/
 - DV4L Scripting: http://historyindata.org/dv4l/scripting/
 - DV4L Activity Example: https://drive.google.com/file/d/1CHQn6X0Gi2-tpTskhcuvfgCySUrMae8K/view
- Pixel Equations (for mathematics/engineering)
 - o Pixel Equations: https://teaspoon.livecodehosting.com/pixeleqns/program.lc
 - Pixel Equations Centered:
 https://teaspoon.livecodehosting.com/pixeleqns/program-centered.lc
 - Three activities for the Pixel Equations tool.
 - https://tinyurl.com/6j26cfz5
 - https://tinyurl.com/4s7yyvrx
 - https://tinyurl.com/2bzay8z5
- Counting Sheets (for mathematics/counting)
 - Counting Sheet:
 https://web.eecs.umich.edu/~mjguz/teaspoon/CountingSheet/counting-sheet-interactive-bootstrap-houghj.lc

Links shared by seminar participants

- HiPyLiv at the University of Liverpool, an initiative to help those from any subject/discipline to learn coding skills: https://liverpooltech.events/group/hipy
- Netlogo, a multi-agent programmable modelling environment which comes with a large library of sample models, developed at Northwestern University's Center for Connected Learning and Computer-Based Modeling: http://ccl.northwestern.edu/netlogo/
- GIS (geographic information system) software from Esri: https://www.esri.com/en-us/home