

Hardware Limitations

Question: What hardware are people using to develop with.

Description:

Determine if limited hardware has on development.

Objectives:

- Determine what hardware is the minimum needed for development.
 - The point of this objective is to determine what is the minimum hardware needed to not limit a person's ability to contribute to open source projects.
- Determine what hardware has an effect on ease of development.
 - This objective is to see if someone is using a computer that meets the minimum specs needed to develop, has an easier time using a Desktop, laptop, tablet, or other model.

Implementation:

Filters

Hardware: hardware specifications and computer models should be analyzed in terms of speed. Determine if people feel their hardware has an affect on ease of development.

Data collection strategies:

1. Collect hardware data from push requests if possible.
2. Survey devs to get their hardware information.
 - a. Question: What type of computer do you have? (eg. desktop, laptop, tablet)
 - b. Question: what is your computer's RAM capacity?
 - c. Question: what is your computer's RAM speed?
 - d. Question: what is your computer's storage capacity?
 - e. Question: what is your processor model?
 - f. Question: what is your GPU model?
 - g. Question: what OS does your computer use?
 - h. Question: do you have a mouse? (this is important for non-desktops, it is assumed that desktops will have one)
3. Survey devs to get their opinion on the impact of their hardware.
 - a. Question: is your hardware portable?
 - b. Question: is your hardware fast?
 - c. Question: does it matter if your hardware is relatively fast or slow?
 - d. Question: could you make it easier to develop with a change of hardware?