Project Description

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Before reading my application, please visit 'http://boobblobs.com' first which i made last Summer using p5.js. How is it? Is it interesting? Interactively shaking boob-shaped blobs in the very bright red background will catch your eyes. But supposing that you organized a workshop on p5.js for the programmers who were seeing impaired and you suddenly wanted to share this boobblobs.com because they were so funny. Do you think the sensual mood of the sketch was also delivered well to them? Would the artist of boobblobs.com imagine that kind of situation when she developed the project? Actually, yes, i imagined similar situations(what if person who couldn't see want to enjoy boobblobs?). But i couldn't think of good ideas on how i can apply the visually sensual mood of boobblobs to other senses. And i was also not sure what would be right way to think from the standpoint of visually impaired people.

1) what you're going to do

I want to encourage Processing community to think about accessibility of Processing sketches.
Processing foundation has already started designing interface and making documentation for seeing or hearing impaired programmers. I thought Processing foundation doing so because it involve the impaired programmers as a part of Processing community. But there is very little discussion about accessibility of Processing sketches in the community yet. I want users of Processing to know that seeing or hearing impaired programmers are also part of the community. That way I will encourage the users to create Processing sketches that they can share with the entire community.

2) how you're going to do it

I think that many people in the Processing community will agree with my proposal on accessible sketches. But most of them will feel confused since they don't know how to implement accessibility on their sketches. To give them guidelines and inspiration, I plan to workshop to change existing Processing sketches to the more accessible ones with Processing makers and impaired programmers(or who with experience or interest in programming). And I will publish a web zine of the dialogues, discussions and progress of changing sketches in the workshop. My final plan is to post this web zine on the Processing.org page.

3) why you're qualified for the work

I've run a workshop teaching p5.js/Processing/Arduino recently. Therefore I understand Processing applications well and I know how to organize workshops on creative coding and communicate with participants. I also have a lot of web application design and development experience so that I can make a stable and well designed web zine. Finally I was one of the assistant artists in the 'Uncertainty School' workshops by artist Taeyoon Choi. At the workshop, i helped the participants including artists with various types of disabilities to learn p5.js well. From this experience, i had the opportunity to talk to creative artists with disabilities. Even though I couldn't make a strong connection with them at that time, i think this can be a good start point for me to gather participants for the 'Accessible Sketches' workshop.

4) the project's expected results

An offline exhibition at the end of the workshop.
A webzine which contains dialogues of the workshop participants and progress of making the Processing sketches more accessible.

5) how your project will expand the possibilities of Processing, either through software, community, or both.

Processing foundation has already cared about accessibility by supporting the research & development of accessible Processing interface & documentation for seeing or hearing impaired programmers. This means they(seeing or hearing impaired programmers) are already a part of Processing community. Therefore many users in the Processing community will also have to consider accessibility of their sketches, which are means of expressing their thoughts, to share with more people. This project will start discussion on 'accessibility of Processing sketches' in the community. I hope this project also will stimulate discussions about accessibility of creative coding sketches in other similar communities like openframeworks community.